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☐ 1. Document ID: EP 1054005 A1, WO 9940075 A1, AU 9922988 A, JP 2000204081 A
 L1: Entry 1 of 1 File: DWPI Nov 22, 2000

DERWENT-ACC-NO: 1999-494261
 DERWENT-WEEK: 200061
 COPYRIGHT 2001 DERWENT INFORMATION LTD

TITLE: New sulfonamide derivatives are activated blood coagulation factor X inhibitors useful as anticoagulants

INVENTOR: BANNO, H; ITOH, F ; TAWADA, H ; TERASHITA, Z

PATENT-ASSIGNEE:

ASSIGNEE	CODE
TAKEDA CHEM IND LTD	TAKE

PRIORITY-DATA:

1998JP-0317205	November 9, 1998
1998JP-0024833	February 5, 1998

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 1054005 A1	November 22, 2000	E	000	C07D241/08
<u>WO 9940075 A1</u>	August 12, 1999	J	187	C07D241/08
AU 9922988 A	August 23, 1999	N/A	000	C07D241/08
JP 2000204081	July 25, 2000	N/A	076	C07D241/18 A

DESIGNATED-STATES: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE AL AM
 AU AZ BA BB BG BR BY CA CN CU CZ EE GD GE HR HU ID IL IN IS JP KE KG KR KZ LC LK
 LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA US UZ VN YU AT
 BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG
 ZW

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-NO
EP 1054005A1	February 4, 1999	1999EP-0902829	N/A
EP 1054005A1	February 4, 1999	1999WO-JP00470	N/A
EP 1054005A1	N/A	WO 9940075	Based on
WO 9940075A1	February 4, 1999	1999WO-JP00470	N/A
AU 9922988A	February 4, 1999	1999AU-0022988	N/A
AU 9922988A	N/A	WO 9940075	Based on
JP2000204081A	February 4, 1999	1999JP-0027053	N/A

INT-CL (IPC): A61K 31/495; A61K 31/4965; A61K 31/497; A61K 31/506; A61P 7/02; A61P 9/10; A61P 43/00; C07D 241/08; C07D 241/18; C07D 401/06; C07D 401/10; C07D 401/12; C07D 401/14; C07D 403/10; C07D 403/12; C07D 405/12; C07D 405/14; C07D 409/06; C07D 409/10; C07D 409/12; C07D 409/14

ABSTRACTED-PUB-NO: WO 9940075A
BASIC-ABSTRACT:

NOVELTY - Heterocyclic sulfonamide derivatives (I) are new.

DETAILED DESCRIPTION - Heterocyclic sulfonamide derivatives of formula (I) and their salts and prodrugs are new.

R1 = optionally substituted hydrocarbyl or heterocyclyl;

A = a divalent heterocyclyl bonded to R1SO2 via a ring N and to X1 via a ring N, substituted by oxo and optionally further substituted;

X1 = optionally substituted alkylene;

Y = divalent optionally substituted cyclic group;

X = a bond or optionally substituted alkylene; and

Z' = optionally substituted amino, imidoyl or nitrogenous heterocyclyl.

ACTIVITY - Antiaggregant; thrombolytic.

1-(4-Amidinobenzyl)-4-(6-chloronaphthalene-2-sulfonyl)-2-piperazinone (Ia) hydrochloride had an IC50 of 0.050 micro M for factor Xa.

MECHANISM OF ACTION - Factor X inhibitor.

USE - (I) are activated blood coagulation factor X inhibitors useful as anticoagulants for treating e.g. thrombosis or diseases in which coagulation is a factor such as chronic cerebral ischemia due to e.g. cerebral apoplexy, cerebral infarction or subarachnoid hemorrhage, Alzheimer's disease, transient ischemic attack, multiple infarction disorders, unstable angina, chronic vascular infarction, re-occlusion after percutaneous transluminal angioplasty or stent removal, peripheral vascular diseases, chronic kidney disease (such as diabetic nephropathy), arteriosclerosis, pancreatitis, cancer, disseminated intravascular coagulation, shock or inflammatory conditions due to a soluble immune response suppressor.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: NEW DERIVATIVE ACTIVATE BLOOD COAGULATE FACTOR INHIBIT USEFUL ANTICOAGULANT

DERWENT-CLASS: B03

CPI-CODES: B07-H; B14-C03; B14-F04; B14-F06; B14-F07; B14-F08; B14-F09; B14-H01; B14-J01A3; B14-J01B3; B14-J06; B14-N10; B14-N13; B14-S05;

CHEMICAL-CODES:

Chemical Indexing M2 *01*

Fragmentation Code

C017 C100 C316 C800 C801 C803 C804 C805 C806 C807
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H121 H2 H201 H212 H7 H715 H721 J5 J521 K0
K3 K353 L9 L941 M210 M212 M240 M281 M311 M321
M342 M373 M391 M411 M510 M523 M530 M540 M640 M710
M904 M905 P420 P446 P453 P520 P633 P721 P723 P813
P814 P815 P816
Specific Compounds
A0JX2T A0JX2N

Chemical Indexing M2 *02*

Fragmentation Code

C316 F011 F012 F014 F017 F019 F431 F433 F553 G013
G100 H1 H121 H2 H201 H212 H4 H401 H421 H7
H715 H721 H8 J5 J521 K0 K3 K353 L9 L941

=> d 16 std,abs,hitstr 1

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

AN 1998:794998 CAPLUS Full-text

DN 130:38404

TI Preparation of 1-benzoyl-4-naphthalenesulfonylpiperazines and related compounds as inhibitors of activated coagulation factor X.

IN Tawada, Hiroyuki; Ito, Fumio; Moriya, Norihiko; Terashita, Zenichi

PA Takeda Chemical Industries, Ltd., Japan

SO PCT Int. Appl., 313 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM C07D295-22

ICS C07D213-56; C07D233-64; C07D417-04; A61K031-445

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9854164	A1	19981203	WO 1998-JP2346	19980528 <--
	W:	AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GW, HU, ID, IL, IS, KG, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9874534	A1	19981230	AU 1998-74534	19980528
	EP 986551	A1	20000322	EP 1998-921852	19980528
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
	JP 11236372	A2	19990831	JP 1998-148677	19980529
	US 6359134	B1	20020319	US 1999-424892	19991130
PRAI	JP 1997-142250	A	19970530		
	JP 1997-351806	A	19971219		
	WO 1998-JP2346	W	19980528		

OS MARPAT 130:38404

AB R1SO2ACOYXZ [R1 = (substituted) hydrocarbyl, heterocyclyl; A = (substituted) divalent N-heterocyclyl; Y = (substituted) hydrocarbylene, heterocyclylene; X = bond, (substituted) alkylene; Z = substituted amino, imidoyl, N-heterocyclyl; provided that when X = bond and Z = (substituted) 6-membered N-heterocyclyl, then Y = (substituted) hydrocarbylene, unsatd. heterocyclylene], were prepared Thus, reaction of 1-(6-chloronaphthalene-2-sulfonyl)piperazine hydrochloride with 2-(4-pyridyl)-4-methyl-5-thiazolecarboxylic acid in the presence of Et3N and WSC hydrochloride in DMF gave 1-(6-chloronaphthalene-2-sulfonyl)-4-[2-(4-pyridyl)-4-methyl-5-thiazolecarbonyl]piperazine. The latter inhibited human activated coagulation factor X with IC50 = 0.019 µM.

IT 9001-29-0P, Coagulation factor X

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(inhibitors; preparation of 1-benzoyl-4-naphthalenesulfonylpiperazines and related compds. as inhibitors of activated coagulation factor X)

RN 9001-29-0 CAPLUS

CN Blood-coagulation factor X (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

IT 207798-71-8P 216956-91-1P 216957-06-1P

216957-19-6P 216957-27-6P 216957-28-7P

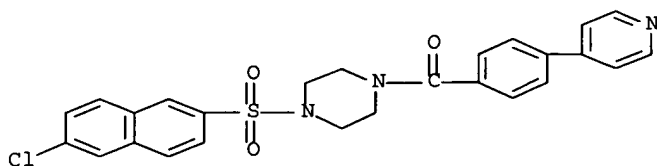
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216957-57-2P 216957-90-3P 216960-27-9P

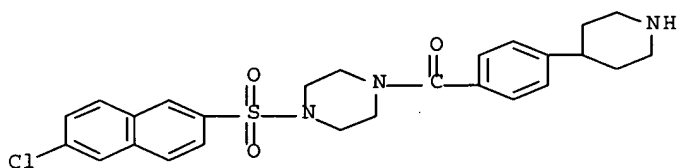
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of 1-benzoyl-4-naphthalenesulfonylpiperazines and related compds. as inhibitors of activated coagulation factor X)

RN 207798-71-8 CAPLUS
 CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(4-pyridinyl)benzoyl]- (9CI) (CA INDEX NAME)

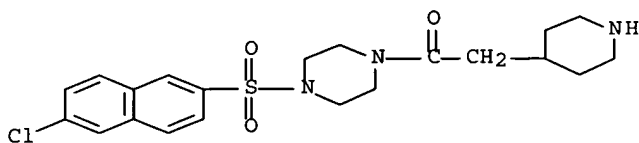


RN 216956-91-1 CAPLUS
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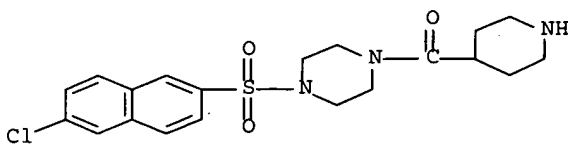
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RN 216957-06-1 CAPLUS
 CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-(4-piperidinylacetyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 216957-19-6 CAPLUS
 CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-(4-piperidinylcarbonyl)-, monohydrochloride (9CI) (CA INDEX NAME)

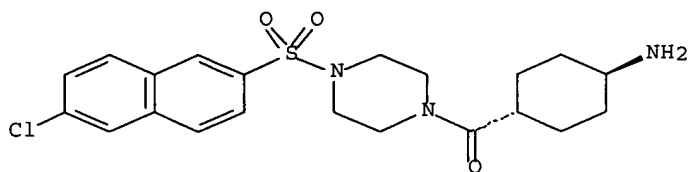


HCl

RN 216957-27-6 CAPLUS

CN Piperazine, 1-[(trans-4-aminocyclohexyl)carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.

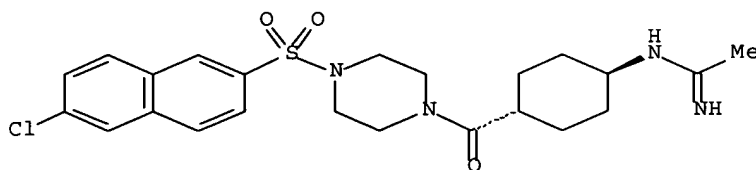


● HCl

RN 216957-28-7 CAPLUS

CN Piperazine, 1-[[trans-4-[(1-iminoethyl)amino]cyclohexyl]carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

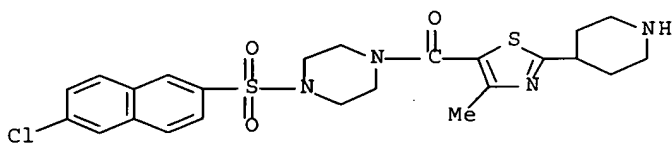
Relative stereochemistry.



● HCl

RN 216957-33-4 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[4-methyl-2-(4-piperidiny)-5-thiazolyl]carbonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

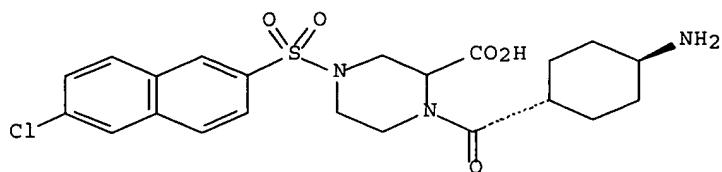


● HCl

RN 216957-42-5 CAPLUS

CN 2-Piperazinecarboxylic acid, 1-[(trans-4-aminocyclohexyl)carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

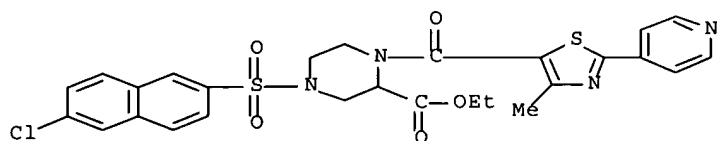
Relative stereochemistry.



HCl

RN 216957-52-7 CAPLUS

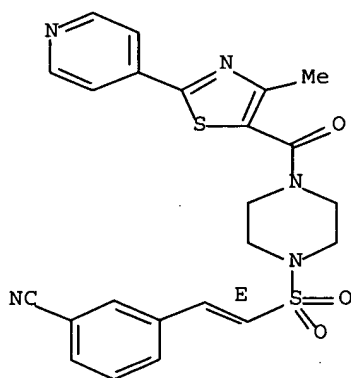
CN 2-Piperazinecarboxylic acid, 4-[[6-chloro-2-naphthalenyl]sulfonyl]-1-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)



RN 216957-57-2 CAPLUS

CN Piperazine, 1-[[[(1E)-2-(3-cyanophenyl)ethenyl]sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)

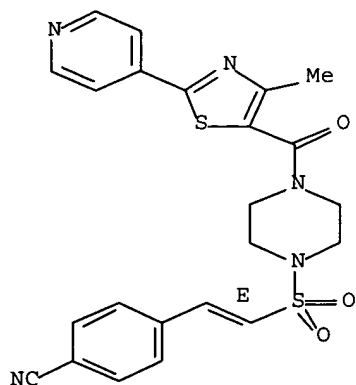
Double bond geometry as shown.



RN 216957-90-3 CAPLUS

CN Piperazine, 1-[[[(1E)-2-(4-cyanophenyl)ethenyl]sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)

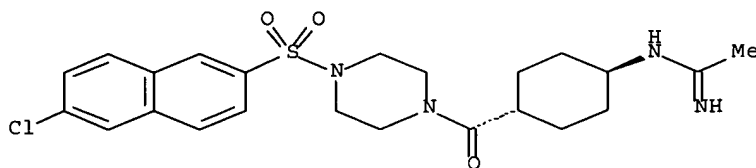
Double bond geometry as shown.



RN 216960-27-9 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[trans-4-[(1-iminoethyl)amino]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

Relative stereochemistry.



IT 188527-05-1P 207798-67-2P 207798-69-4P
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 216956-28-4P 216956-29-5P 216956-30-8P
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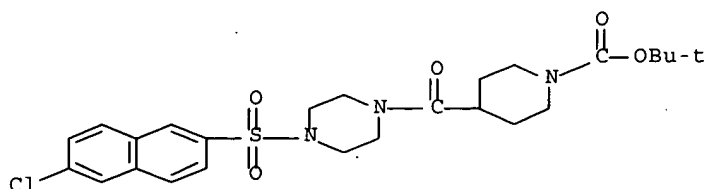
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RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 1-benzoyl-4-naphthalenesulfonylpiperazines and related compds. as inhibitors of activated coagulation factor X)

RN 188527-05-1 CAPLUS

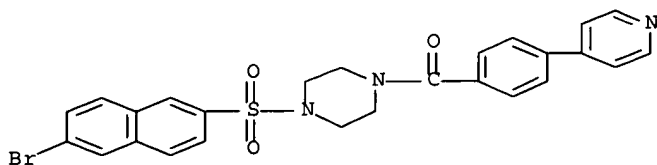
CN 1-Piperidinecarboxylic acid, 4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 207798-67-2 CAPLUS

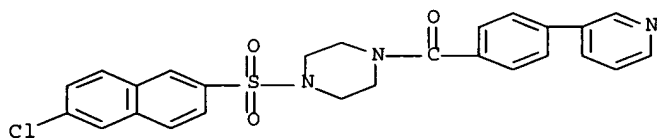
CN Piperazine, 1-[(6-bromo-2-naphthalenyl)sulfonyl]-4-[4-(4-

pyridinyl)benzoyl]- (9CI) (CA INDEX NAME)



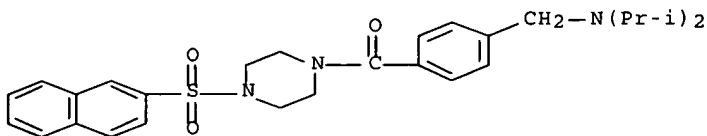
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CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(3-pyridinyl)benzoyl]- (9CI) (CA INDEX NAME)



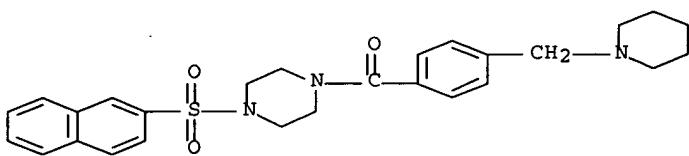
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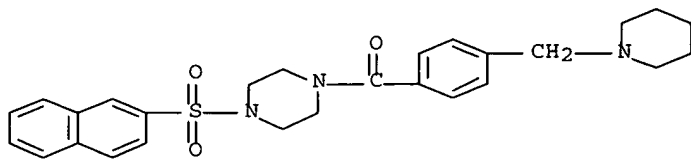
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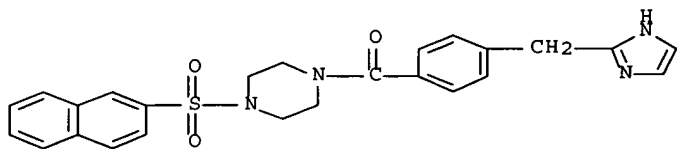
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HCl

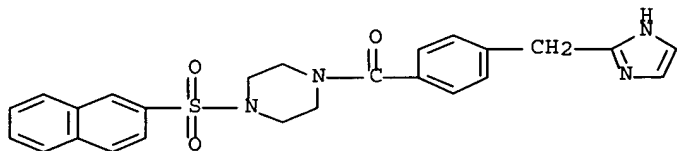
RN 216956-28-4 CAPLUS

CN Piperazine, 1-[4-(1H-imidazol-2-ylmethyl)benzoyl]-4-(2-naphthalenylsulfonyl)- (9CI) (CA INDEX NAME)



RN 216956-29-5 CAPLUS

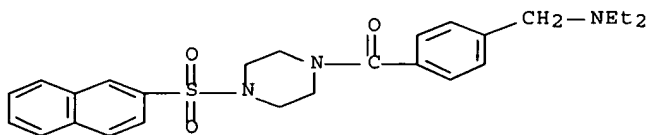
CN Piperazine, 1-[4-(1H-imidazol-2-ylmethyl)benzoyl]-4-(2-naphthalenylsulfonyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

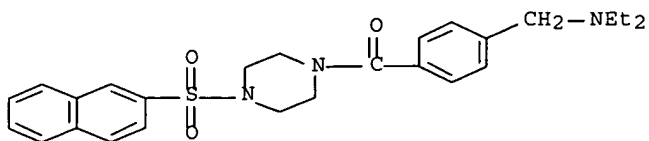
RN 216956-30-8 CAPLUS

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RN 216956-31-9 CAPLUS

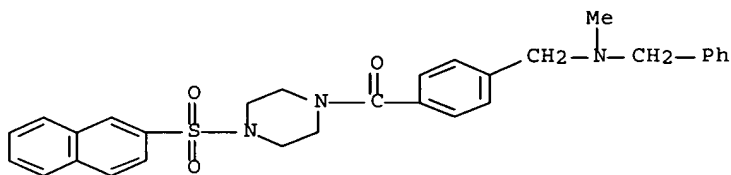
CN Piperazine, 1-[4-[(diethylamino)methyl]benzoyl]-4-(2-naphthalenylsulfonyl)-, monohydrochloride (9CI) (CA INDEX NAME)



HCl

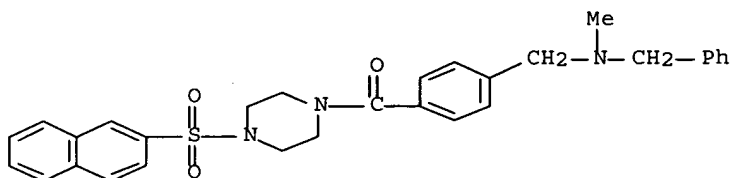
RN 216956-32-0 CAPLUS

CN Piperazine, 1-[4-[[methyl(phenylmethyl)amino]methyl]benzoyl]-4-(2-naphthalenylsulfonyl)- (9CI) (CA INDEX NAME)



RN 216956-33-1 CAPLUS

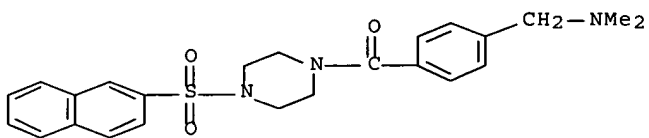
CN Piperazine, 1-[4-[[methyl(phenylmethyl)amino]methyl]benzoyl]-4-(2-naphthalenylsulfonyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

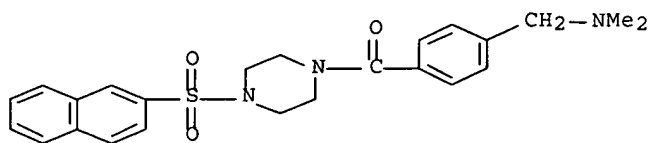
RN 216956-34-2 CAPLUS

CN Piperazine, 1-[4-[(dimethylamino)methyl]benzoyl]-4-(2-naphthalenylsulfonyl)- (9CI) (CA INDEX NAME)



RN 216956-35-3 CAPLUS

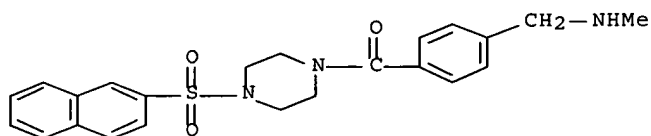
CN Piperazine, 1-[4-[(dimethylamino)methyl]benzoyl]-4-(2-naphthalenylsulfonyl)-, monohydrochloride (9CI) (CA INDEX NAME)



HCl

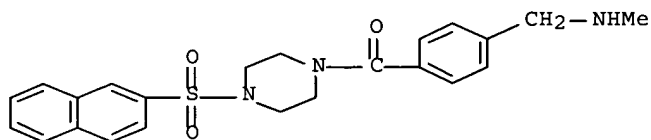
RN 216956-36-4 CAPLUS

CN Piperazine, 1-[4-[(methylamino)methyl]benzoyl]-4-(2-naphthalenylsulfonyl)-
(9CI) (CA INDEX NAME)



RN 216956-37-5 CAPLUS

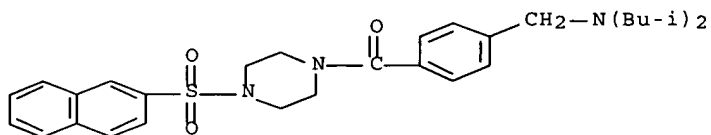
CN Piperazine, 1-[4-[(methylamino)methyl]benzoyl]-4-(2-naphthalenylsulfonyl)-
, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

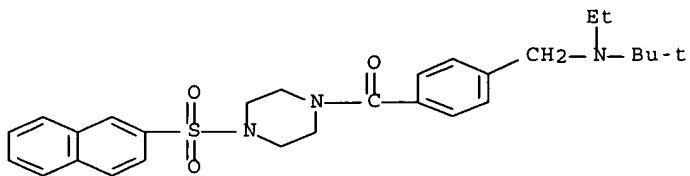
RN 216956-38-6 CAPLUS

CN Piperazine, 1-[4-[[bis(2-methylpropyl)amino]methyl]benzoyl]-4-(2-naphthalenylsulfonyl)- (9CI) (CA INDEX NAME)



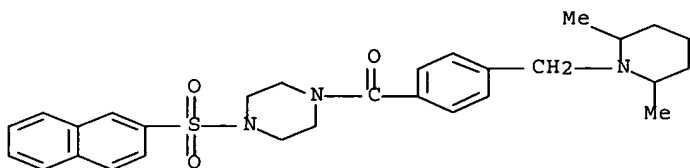
RN 216956-39-7 CAPLUS

CN Piperazine, 1-[4-[[[(1,1-dimethylethyl)ethylamino]methyl]benzoyl]-4-(2-naphthalenylsulfonyl)- (9CI) (CA INDEX NAME)



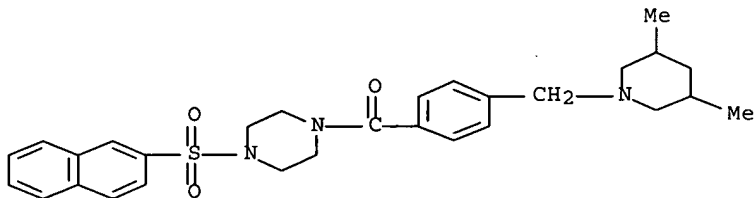
RN 216956-40-0 CAPLUS

CN Piperazine, 1-[4-[(2,6-dimethyl-1-piperidinyl)methyl]benzoyl]-4-(2-naphthalenylsulfonyl)- (9CI) (CA INDEX NAME)



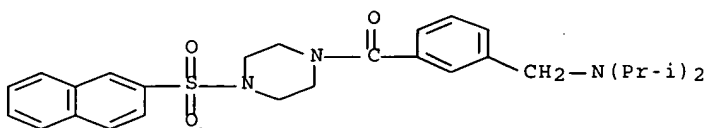
RN 216956-41-1 CAPLUS

CN Piperazine, 1-[4-[(3,5-dimethyl-1-piperidinyl)methyl]benzoyl]-4-(2-naphthalenylsulfonyl)- (9CI) (CA INDEX NAME)



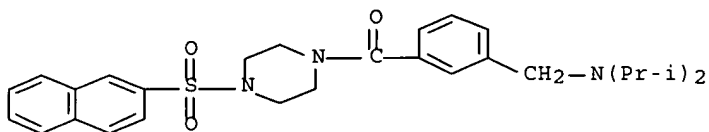
RN 216956-42-2 CAPLUS

CN Piperazine, 1-[3-[[bis(1-methylethyl)amino]methyl]benzoyl]-4-(2-naphthalenylsulfonyl)- (9CI) (CA INDEX NAME)



RN 216956-43-3 CAPLUS

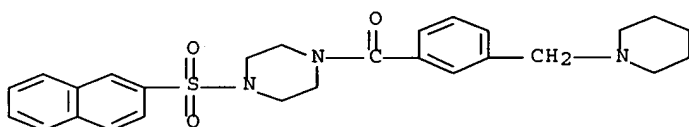
CN Piperazine, 1-[3-[[bis(1-methylethyl)amino]methyl]benzoyl]-4-(2-naphthalenylsulfonyl)-, monohydrochloride (9CI) (CA INDEX NAME)



HCl

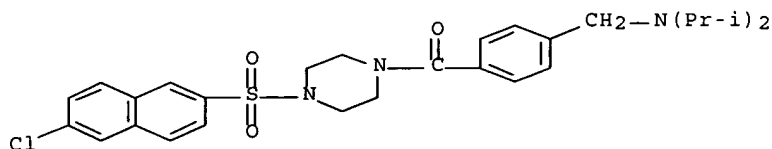
RN 216956-44-4 CAPLUS

CN Piperazine, 1-(2-naphthalenylsulfonyl)-4-[3-(1-piperidinylmethyl)benzoyl]-
(9CI) (CA INDEX NAME)



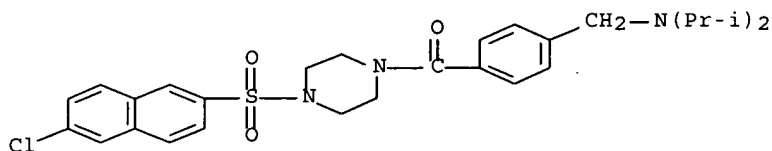
RN 216956-45-5 CAPLUS

CN Piperazine, 1-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 216956-46-6 CAPLUS

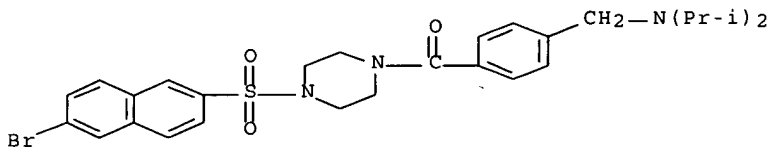
CN Piperazine, 1-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



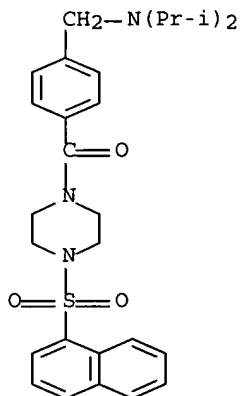
● HCl

RN 216956-47-7 CAPLUS

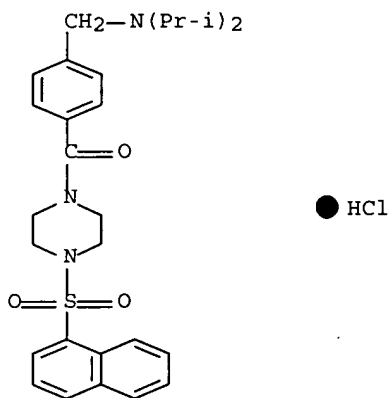
CN Piperazine, 1-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-4-[(6-bromo-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



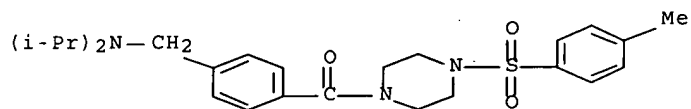
RN 216956-50-2 CAPLUS
 CN Piperazine, 1-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-4-(1-naphthalenylsulfonyl)- (9CI) (CA INDEX NAME)



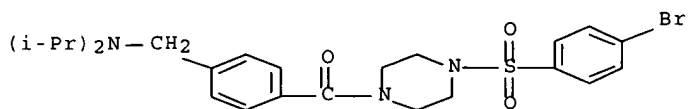
RN 216956-51-3 CAPLUS
 CN Piperazine, 1-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-4-(1-naphthalenylsulfonyl)-, monohydrochloride (9CI) (CA INDEX NAME)



RN 216956-52-4 CAPLUS
 CN Piperazine, 1-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-4-[(4-methylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)

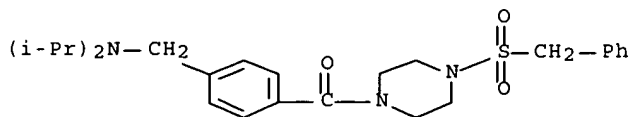


RN 216956-53-5 CAPLUS
 CN Piperazine, 1-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-4-[(4-bromophenyl)sulfonyl]- (9CI) (CA INDEX NAME)



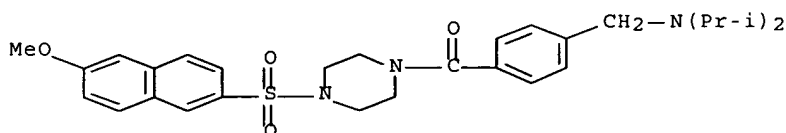
RN 216956-54-6 CAPLUS

CN Piperazine, 1-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-4-[(phenylmethyl)sulfonyl]- (9CI) (CA INDEX NAME)



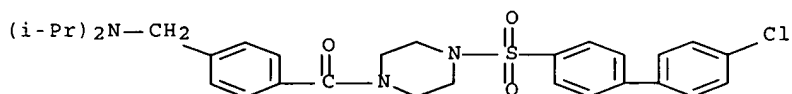
RN 216956-55-7 CAPLUS

CN Piperazine, 1-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-4-[(6-methoxy-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 216956-56-8 CAPLUS

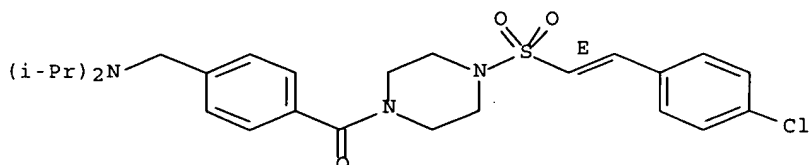
CN Piperazine, 1-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-4-[(4'-chloro[1,1'-biphenyl]-4-yl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 216956-57-9 CAPLUS

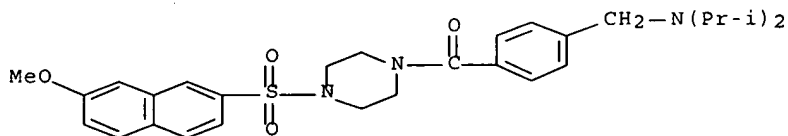
CN Piperazine, 1-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-4-[(1E)-2-(4-chlorophenyl)ethenyl]sulfonyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



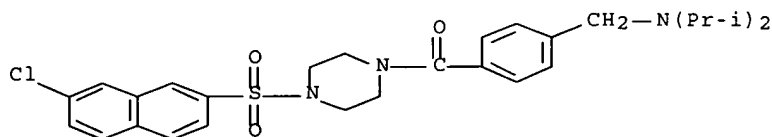
RN 216956-58-0 CAPLUS

CN Piperazine, 1-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-4-[(7-methoxy-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



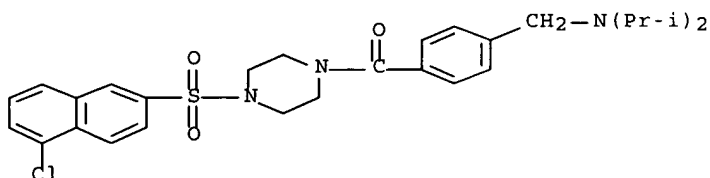
RN 216956-59-1 CAPLUS

CN Piperazine, 1-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-4-[(7-chloro-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



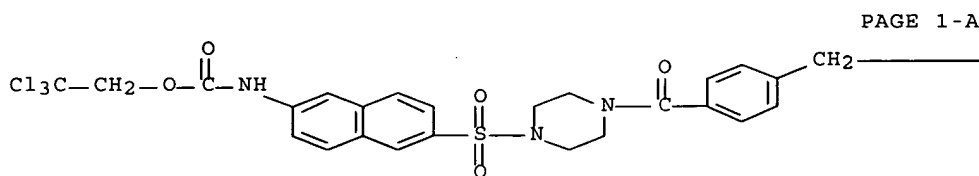
RN 216956-60-4 CAPLUS

CN Piperazine, 1-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-4-[(5-chloro-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 216956-61-5 CAPLUS

CN Carbamic acid, [6-[[4-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-1-piperazinyl]sulfonyl]-2-naphthalenyl]-, 2,2,2-trichloroethyl ester (9CI) (CA INDEX NAME)



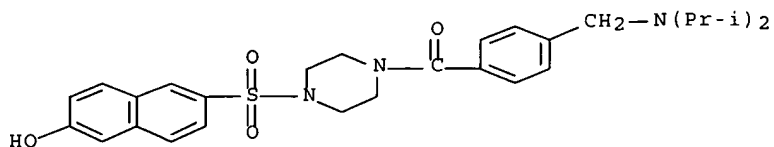
PAGE 1-A

PAGE 1-B

—N(Pr-i)₂

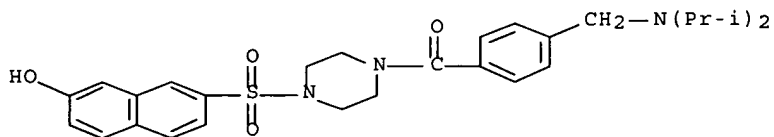
RN 216956-62-6 CAPLUS

CN Piperazine, 1-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-4-[(6-hydroxy-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



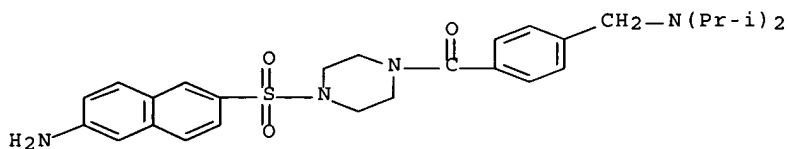
RN 216956-63-7 CAPLUS

CN Piperazine, 1-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-4-[(7-hydroxy-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



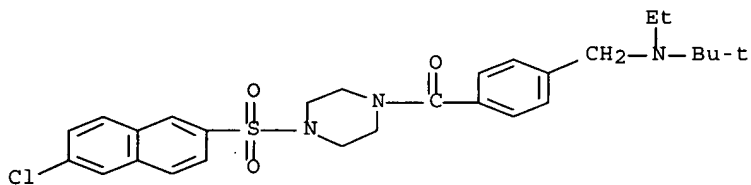
RN 216956-64-8 CAPLUS

CN Piperazine, 1-[(6-amino-2-naphthalenyl)sulfonyl]-4-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]- (9CI) (CA INDEX NAME)



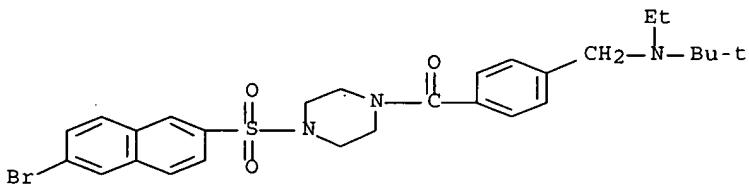
RN 216956-65-9 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]- (9CI) (CA INDEX NAME)

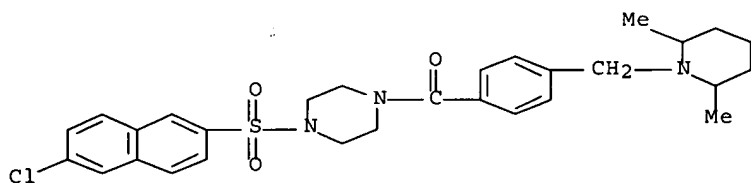


RN 216956-66-0 CAPLUS

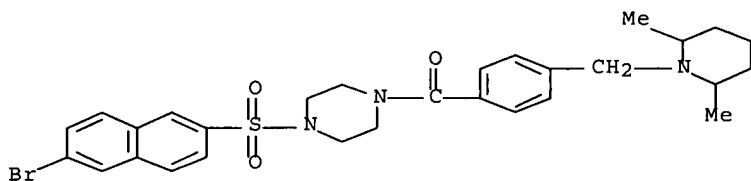
CN Piperazine, 1-[(6-bromo-2-naphthalenyl)sulfonyl]-4-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]- (9CI) (CA INDEX NAME)



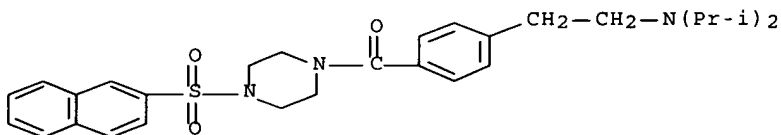
RN 216956-67-1 CAPLUS
 CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-[(2,6-dimethyl-1-piperidinyl)methyl]benzoyl]- (9CI) (CA INDEX NAME)



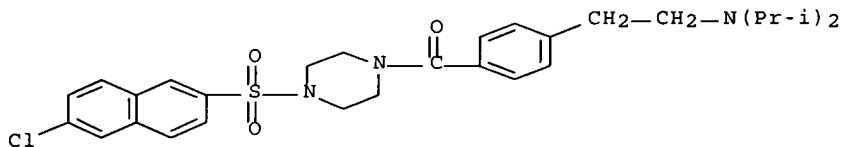
RN 216956-68-2 CAPLUS
 CN Piperazine, 1-[(6-bromo-2-naphthalenyl)sulfonyl]-4-[4-[(2,6-dimethyl-1-piperidinyl)methyl]benzoyl]- (9CI) (CA INDEX NAME)



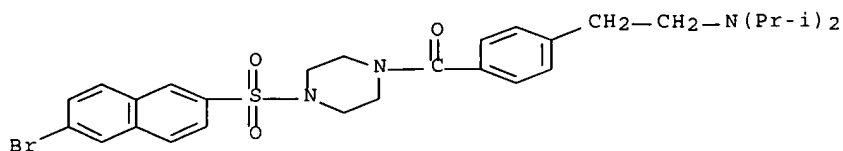
RN 216956-69-3 CAPLUS
 CN Piperazine, 1-[4-[2-[bis(1-methylethyl)amino]ethyl]benzoyl]-4-(2-naphthalenylsulfonyl)- (9CI) (CA INDEX NAME)



RN 216956-70-6 CAPLUS
 CN Piperazine, 1-[4-[2-[bis(1-methylethyl)amino]ethyl]benzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)

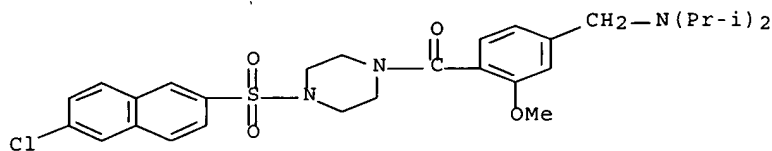


RN 216956-71-7 CAPLUS
 CN Piperazine, 1-[4-[2-[bis(1-methylethyl)amino]ethyl]benzoyl]-4-[(6-bromo-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



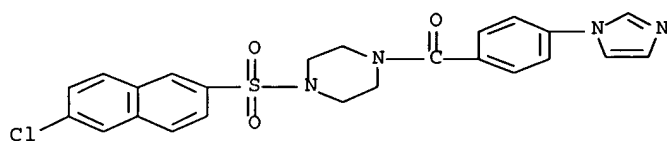
RN 216956-72-8 CAPLUS

CN Piperazine, 1-[4-[[bis(1-methylethyl)amino]methyl]-2-methoxybenzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



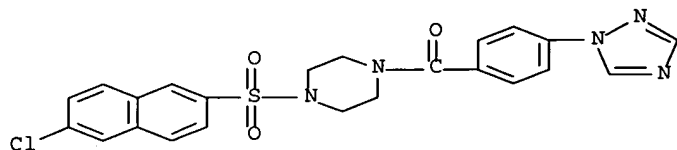
RN 216956-73-9 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(1H-imidazol-1-yl)benzoyl]- (9CI) (CA INDEX NAME)



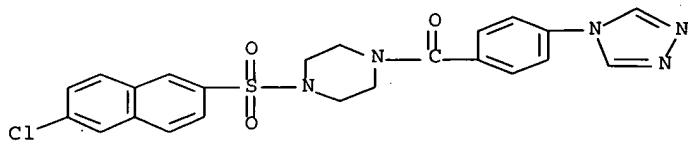
RN 216956-74-0 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(1H-1,2,4-triazol-1-yl)benzoyl]- (9CI) (CA INDEX NAME)



RN 216956-75-1 CAPLUS

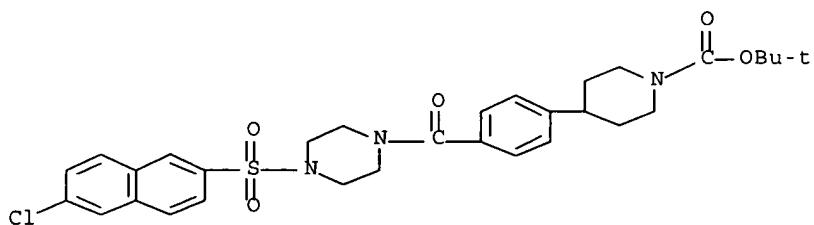
CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(4H-1,2,4-triazol-4-yl)benzoyl]- (9CI) (CA INDEX NAME)



RN 216956-76-2 CAPLUS

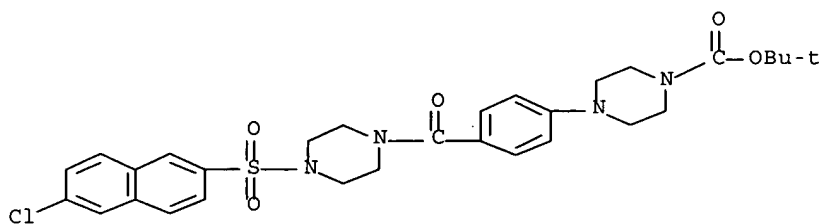
CN 1-Piperidinecarboxylic acid, 4-[4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

NAME)



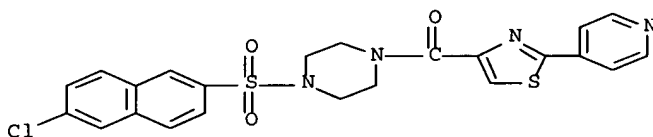
RN 216956-77-3 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



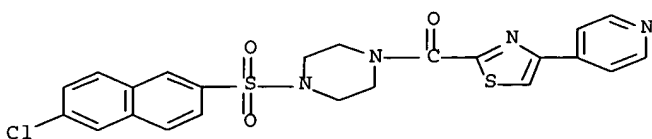
RN 216956-78-4 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[2-(4-pyridinyl)-4-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



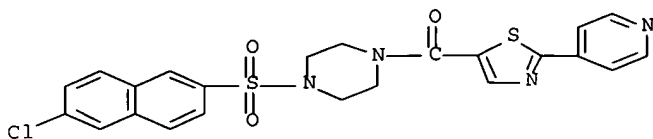
RN 216956-79-5 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[4-(4-pyridinyl)-2-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



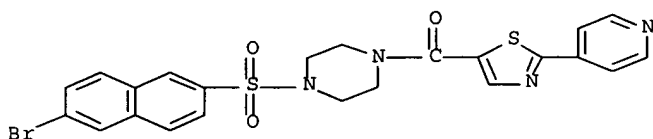
RN 216956-80-8 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



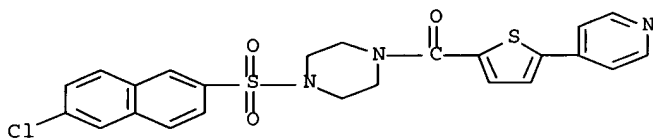
RN 216956-81-9 CAPLUS

CN Piperazine, 1-[(6-bromo-2-naphthalenyl)sulfonyl]-4-[[2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



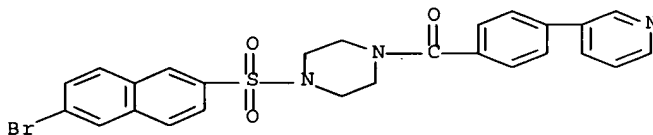
RN 216956-82-0 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[5-(4-pyridinyl)-2-thienyl]carbonyl]- (9CI) (CA INDEX NAME)



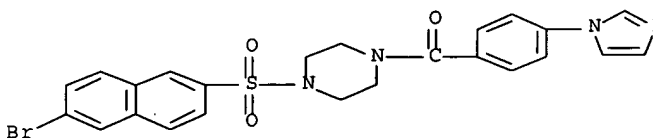
RN 216956-83-1 CAPLUS

CN Piperazine, 1-[(6-bromo-2-naphthalenyl)sulfonyl]-4-[4-(3-pyridinyl)benzoyl]- (9CI) (CA INDEX NAME)



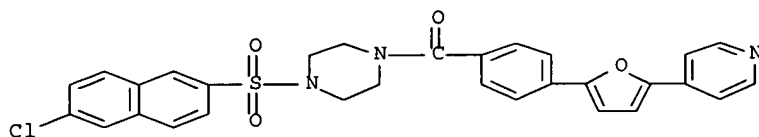
RN 216956-84-2 CAPLUS

CN Piperazine, 1-[(6-bromo-2-naphthalenyl)sulfonyl]-4-[4-(1H-imidazol-1-yl)benzoyl]- (9CI) (CA INDEX NAME)



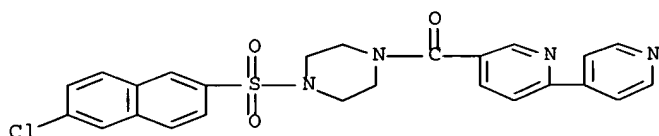
RN 216956-85-3 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-[5-(4-pyridinyl)-2-furanyl]benzoyl]- (9CI) (CA INDEX NAME)



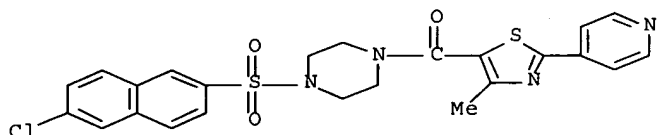
RN 216956-86-4 CAPLUS

CN Piperazine, 1-[(2,4'-bipyridin]-5-ylcarbonyl)-4-[(6-chloro-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



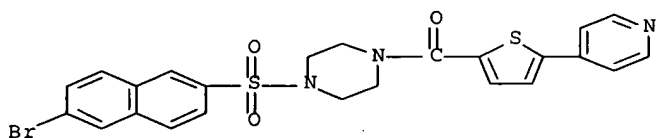
RN 216956-87-5 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



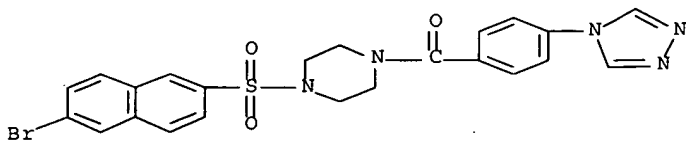
RN 216956-88-6 CAPLUS

CN Piperazine, 1-[(6-bromo-2-naphthalenyl)sulfonyl]-4-[[5-(4-pyridinyl)-2-thienyl]carbonyl]- (9CI) (CA INDEX NAME)



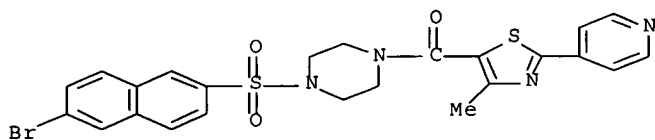
RN 216956-89-7 CAPLUS

CN Piperazine, 1-[(6-bromo-2-naphthalenyl)sulfonyl]-4-[[4-(4H-1,2,4-triazol-4-yl)benzoyl]- (9CI) (CA INDEX NAME)



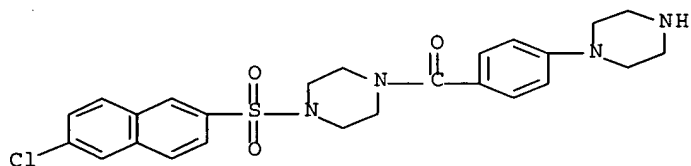
RN 216956-90-0 CAPLUS

CN Piperazine, 1-[(6-bromo-2-naphthalenyl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



RN 216956-92-2 CAPLUS

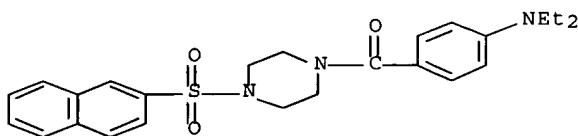
CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(1-piperazinyl)benzoyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

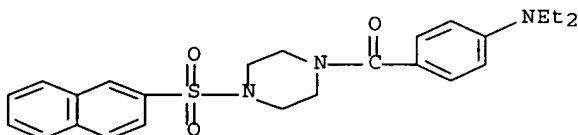
RN 216956-93-3 CAPLUS

CN Piperazine, 1-[4-(diethylamino)benzoyl]-4-(2-naphthalenylsulfonyl)- (9CI) (CA INDEX NAME)



RN 216956-94-4 CAPLUS

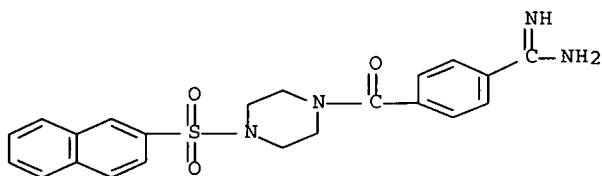
CN Piperazine, 1-[4-(diethylamino)benzoyl]-4-(2-naphthalenylsulfonyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

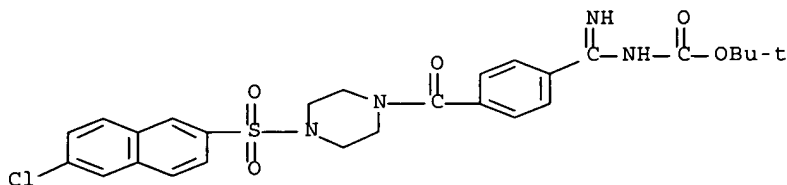
RN 216956-95-5 CAPLUS

CN Piperazine, 1-[4-(aminoiminomethyl)benzoyl]-4-(2-naphthalenylsulfonyl)- (9CI) (CA INDEX NAME)



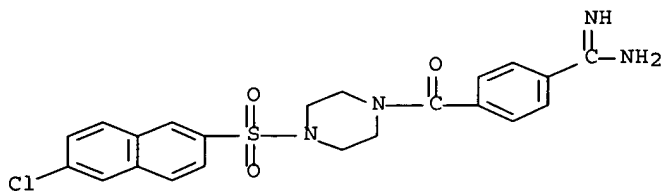
RN 216956-96-6 CAPLUS

CN Carbamic acid, [[4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]phenyl]iminomethyl]-, 1,1-dimethylethyl ester (9CI)
(CA INDEX NAME)



RN 216956-97-7 CAPLUS

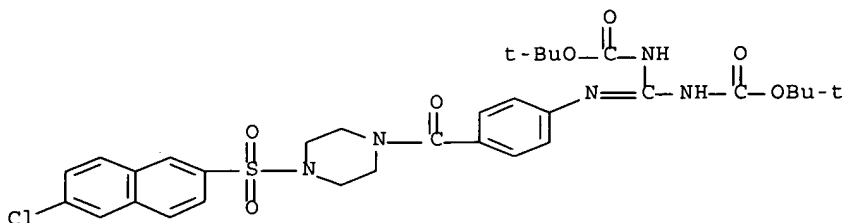
CN Piperazine, 1-[4-(aminoiminomethyl)benzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

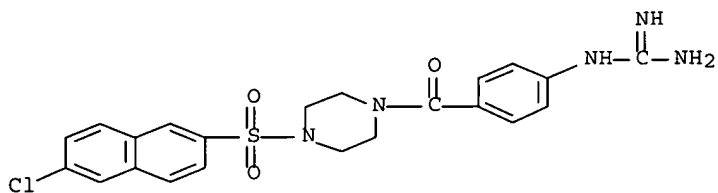
RN 216956-98-8 CAPLUS

CN Carbamic acid, [[4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]phenyl]carbonimidoyl]bis-, bis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)



RN 216956-99-9 CAPLUS

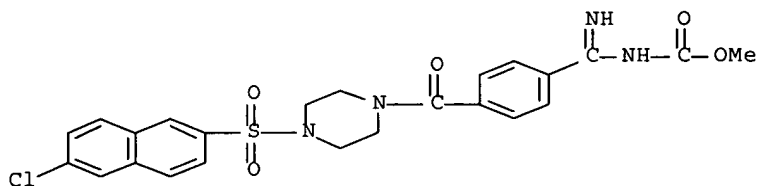
CN Piperazine, 1-[4-[(aminoiminomethyl)amino]benzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

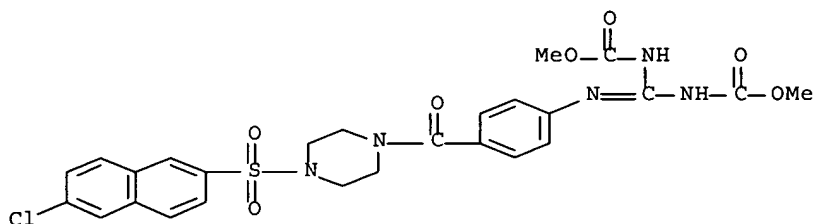
RN 216957-00-5 CAPLUS

CN Carbamic acid, [[4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]phenyl]iminomethyl]-, methyl ester (9CI) (CA INDEX NAME)



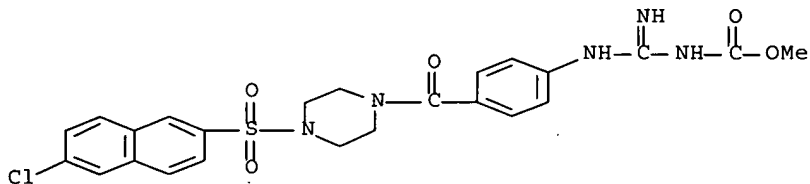
RN 216957-01-6 CAPLUS

CN Carbamic acid, [[4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]phenyl]carbonimidoyl]bis-, dimethyl ester (9CI) (CA INDEX NAME)



RN 216957-02-7 CAPLUS

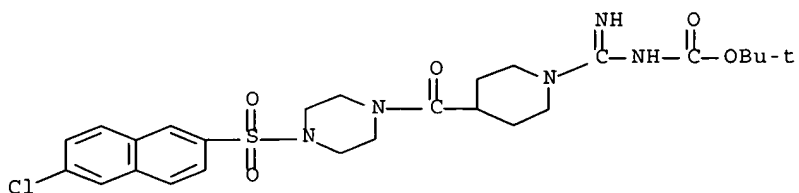
CN Carbamic acid, [[4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]phenyl]amino]iminomethyl]-, methyl ester (9CI) (CA INDEX NAME)



RN 216957-03-8 CAPLUS

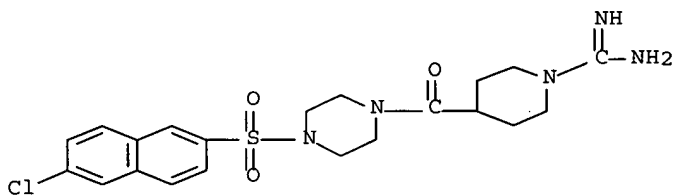
CN Carbamic acid, [[4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]-1-piperidinyl]iminomethyl]-, 1,1-dimethylethyl ester

(9CI) (CA INDEX NAME)



RN 216957-04-9 CAPLUS

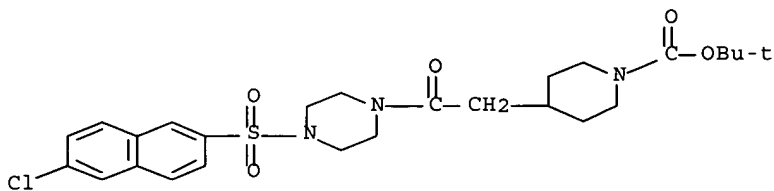
CN Piperazine, 1-[[1-(aminoiminomethyl)-4-piperidinyl]carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

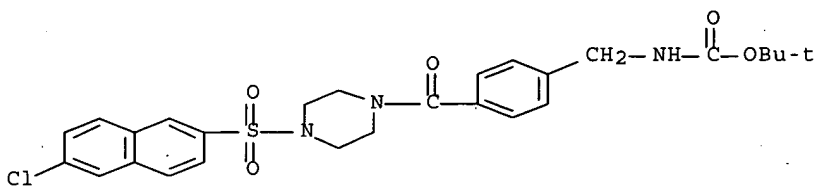
RN 216957-05-0 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[2-[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 216957-07-2 CAPLUS

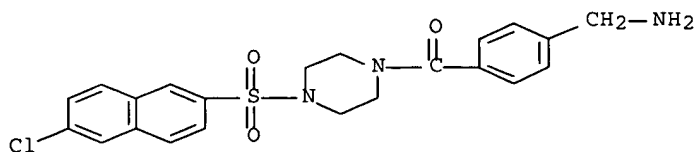
CN Carbamic acid, [[4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]phenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 216957-08-3 CAPLUS

CN Piperazine, 1-[4-(aminomethyl)benzoyl]-4-[(6-chloro-2-

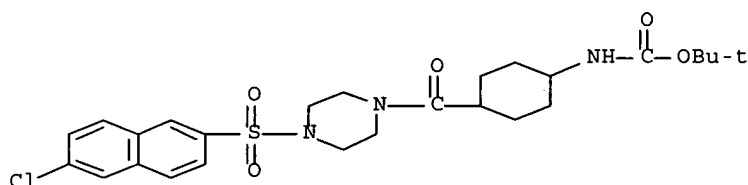
naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

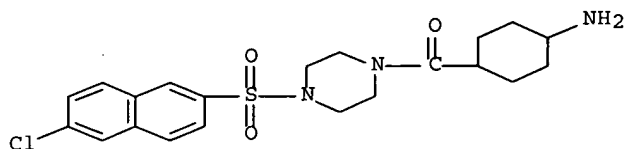
RN 216957-09-4 CAPLUS

CN Carbamic acid, [4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 216957-10-7 CAPLUS

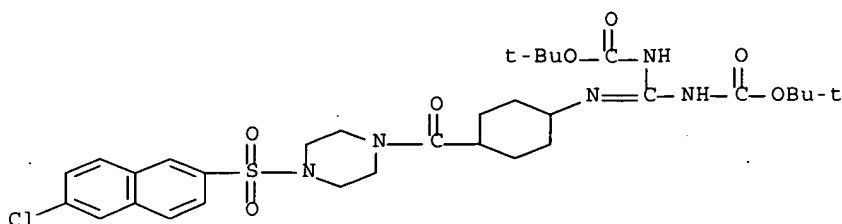
CN Piperazine, 1-[[4-(4-aminocyclohexyl)carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

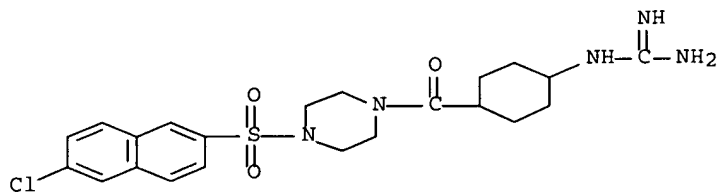
RN 216957-11-8 CAPLUS

CN Carbamic acid, [[4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]carbonimidoyl]bis-, bis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)



RN 216957-12-9 CAPLUS

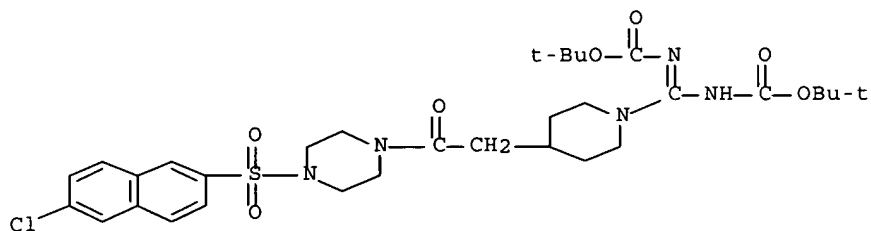
CN Piperazine, 1-[[4-[(aminoiminomethyl)amino]cyclohexyl]carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

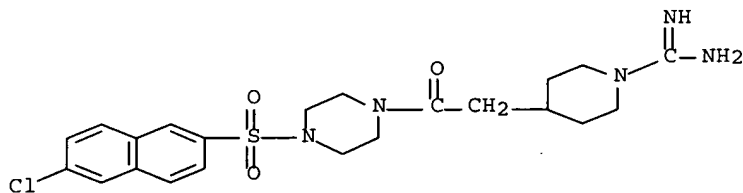
RN 216957-13-0 CAPLUS

CN Carbamic acid, [[4-[2-[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]-2-oxoethyl]-1-piperidinyl][[(1,1-dimethylethoxy)carbonyl]amino]methylene]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 216957-14-1 CAPLUS

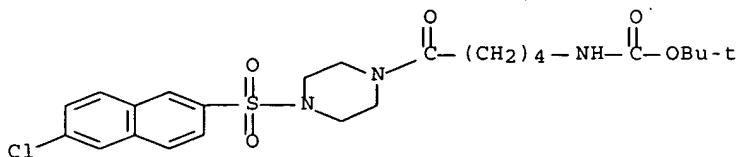
CN Piperazine, 1-[[1-(aminoiminomethyl)-4-piperidinyl]acetyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



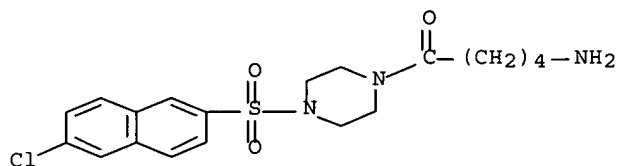
● HCl

RN 216957-15-2 CAPLUS

CN Carbamic acid, [5-[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]-5-oxopentyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

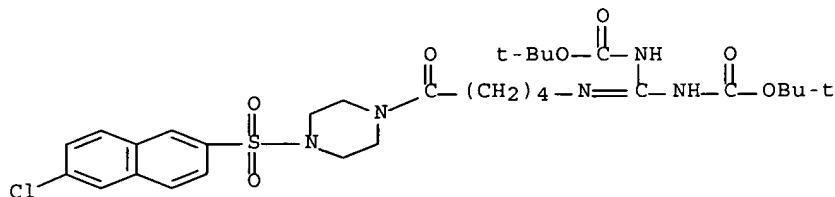


RN 216957-16-3 CAPLUS
 CN Piperazine, 1-(5-amino-1-oxopentyl)-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

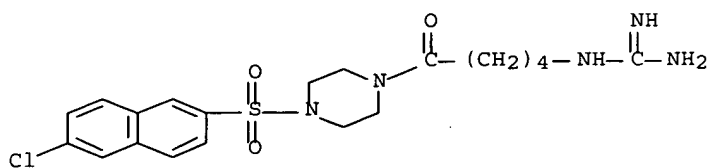


● HCl

RN 216957-17-4 CAPLUS
 CN Carbamic acid, [[5-[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]-5-oxopentyl]carbonimidoyl]bis-, bis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

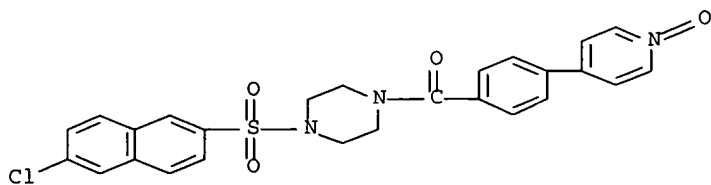


RN 216957-18-5 CAPLUS
 CN Piperazine, 1-[5-[(aminoiminomethyl)amino]-1-oxopentyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



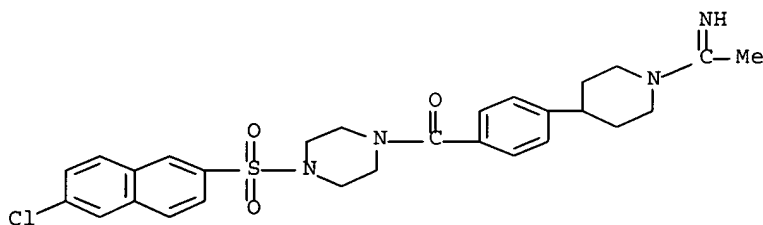
● HCl

RN 216957-20-9 CAPLUS
 CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(1-oxido-4-pyridinyl)benzoyl]- (9CI) (CA INDEX NAME)



RN 216957-21-0 CAPLUS

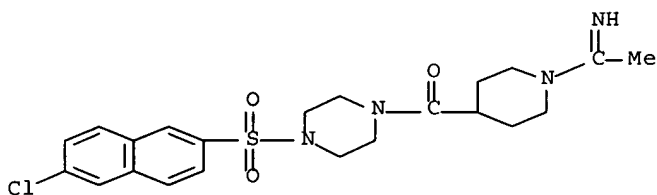
CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-[1-(1-iminoethyl)-4-piperidinyl]benzoyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 216957-22-1 CAPLUS

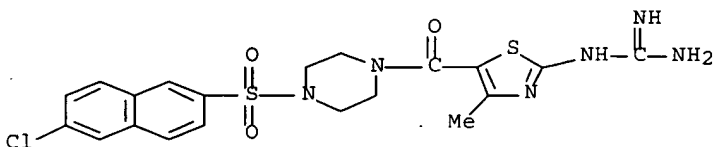
CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[1-(1-iminoethyl)-4-piperidinyl]carbonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 216957-23-2 CAPLUS

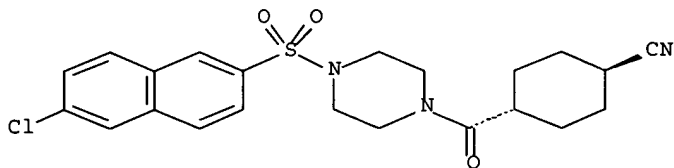
CN Piperazine, 1-[[2-[(aminoiminomethyl)amino]-4-methyl-5-thiazolyl]carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



HCl

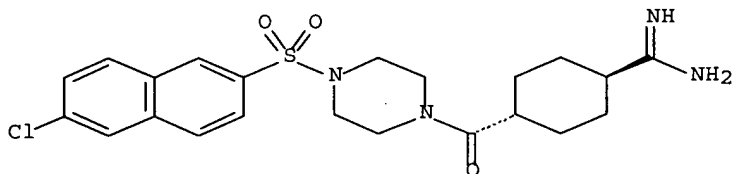
RN 216957-24-3 CAPLUS
 CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[(trans-4-cyanocyclohexyl)carbonyl]- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 216957-25-4 CAPLUS
 CN Piperazine, 1-[[trans-4-(aminoiminomethyl)cyclohexyl]carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

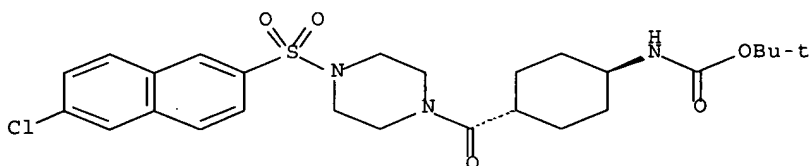
Relative stereochemistry.



● HCl

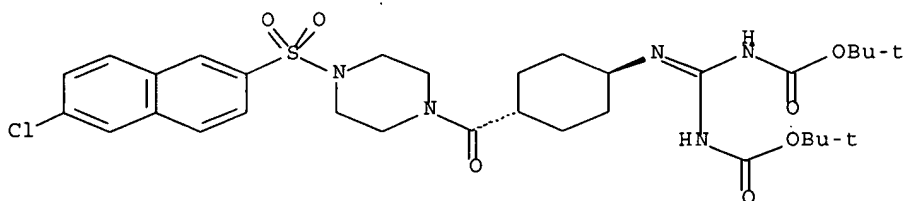
RN 216957-26-5 CAPLUS
 CN Carbamic acid, [[trans-4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 216957-29-8 CAPLUS
 CN Carbamic acid, [[trans-4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]carbonimidoyl]bis-, bis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

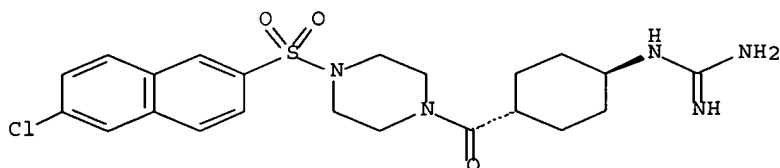
Relative stereochemistry.



RN 216957-30-1 CAPLUS

CN Piperazine, 1-[[trans-4-[(aminoiminomethyl)amino]cyclohexyl]carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.

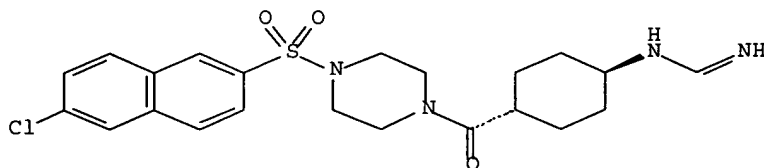


● HCl

RN 216957-31-2 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[trans-4-[(iminomethyl)amino]cyclohexyl]carbonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

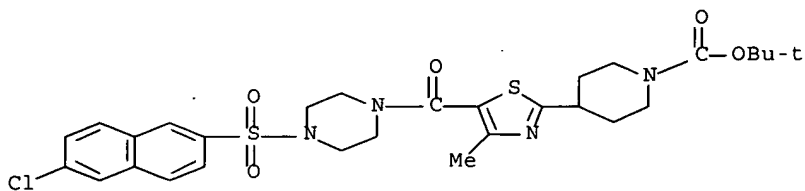
Relative stereochemistry.



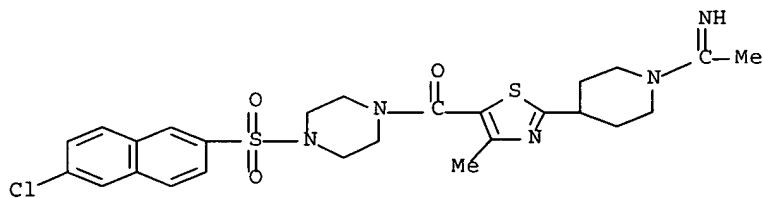
● HCl

RN 216957-32-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[5-[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]-4-methyl-2-thiazolyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



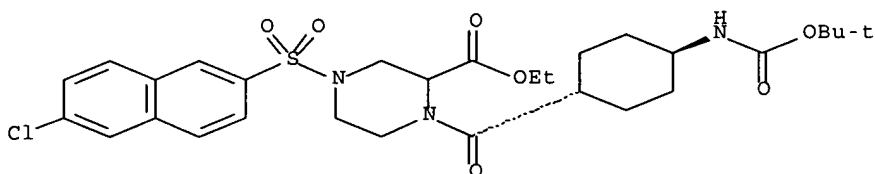
RN 216957-34-5 CAPLUS
 CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[2-[1-(1-iminoethyl)-4-piperidinyl]-4-methyl-5-thiazolyl]carbonyl]-, monohydrochloride (9CI)
 (CA INDEX NAME)



● HCl

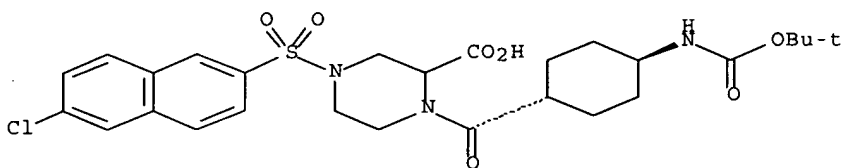
RN 216957-35-6 CAPLUS
 CN 2-Piperazinecarboxylic acid, 4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-[[trans-4-[[[1,1-dimethylethoxy]carbonyl]amino]cyclohexyl]carbonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



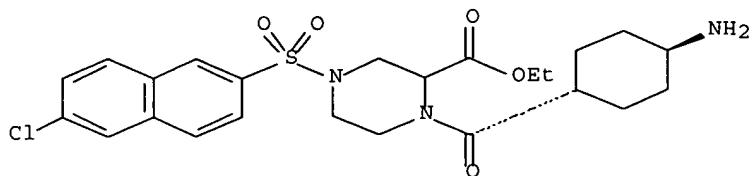
RN 216957-36-7 CAPLUS
 CN 2-Piperazinecarboxylic acid, 4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-[[trans-4-[[[1,1-dimethylethoxy]carbonyl]amino]cyclohexyl]carbonyl]- (9CI)
 (CA INDEX NAME)

Relative stereochemistry.



RN 216957-37-8 CAPLUS
 CN 2-Piperazinecarboxylic acid, 1-[(trans-4-aminocyclohexyl)carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, ethyl ester, monohydrochloride (9CI)
 (CA INDEX NAME)

Relative stereochemistry.

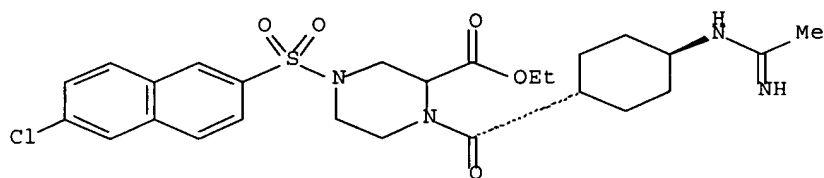


● HCl

RN 216957-38-9 CAPLUS

CN 2-Piperazinecarboxylic acid, 4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-[[trans-4-[(1-iminoethyl)amino]cyclohexyl]carbonyl]-, ethyl ester, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.

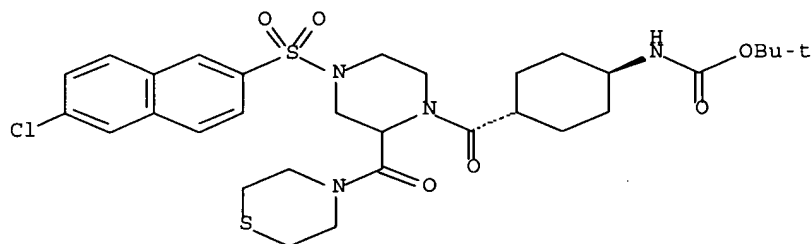


● HCl

RN 216957-39-0 CAPLUS

CN Carbamic acid, [trans-4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-2-(4-thiomorpholinylcarbonyl)-1-piperazinyl]carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

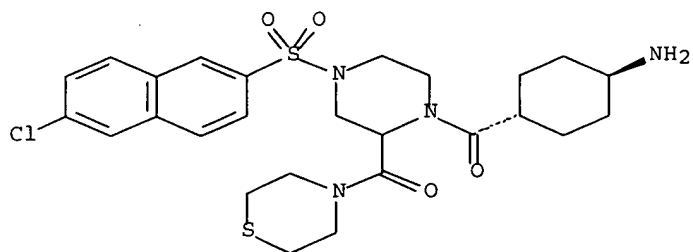
Relative stereochemistry.



RN 216957-40-3 CAPLUS

CN Thiomorpholine, 4-[[1-[(trans-4-aminocyclohexyl)carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-2-piperazinyl]carbonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.

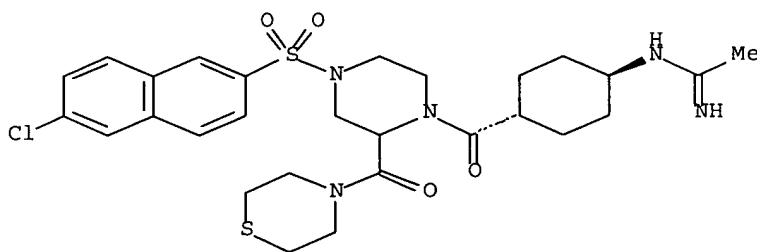


● HCl

RN 216957-41-4 CAPLUS

CN Thiomorpholine, 4-[[1-[[trans-4-[(1-iminoethyl)amino]cyclohexyl]carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-2-piperazinyl]carbonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

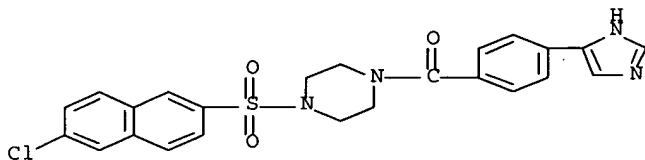
Relative stereochemistry.



● HCl

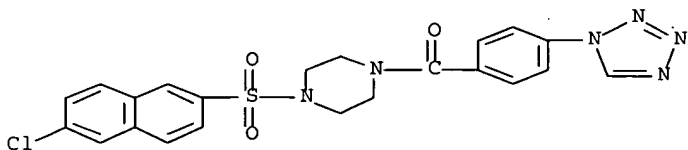
RN 216957-43-6 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(1H-imidazol-4-yl)benzoyl]- (9CI) (CA INDEX NAME)

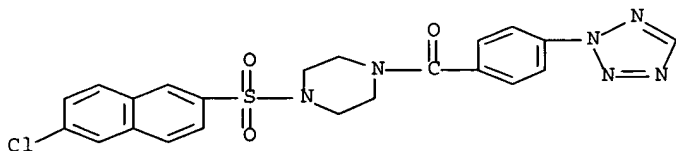


RN 216957-44-7 CAPLUS

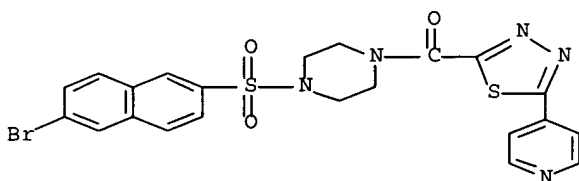
CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(1H-tetrazol-1-yl)benzoyl]- (9CI) (CA INDEX NAME)



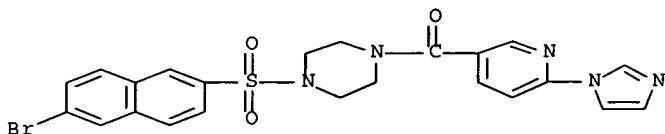
RN 216957-45-8 CAPLUS
 CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(2H-tetrazol-2-yl)benzoyl]- (9CI) (CA INDEX NAME)



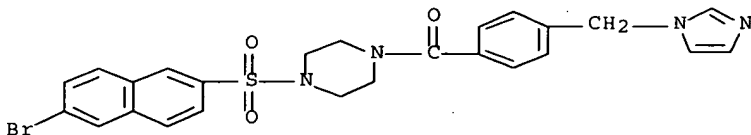
RN 216957-46-9 CAPLUS
 CN Piperazine, 1-[(6-bromo-2-naphthalenyl)sulfonyl]-4-[[5-(4-pyridinyl)-1,3,4-thiadiazol-2-yl]carbonyl]- (9CI) (CA INDEX NAME)



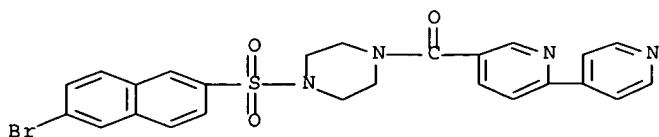
RN 216957-47-0 CAPLUS
 CN Piperazine, 1-[(6-bromo-2-naphthalenyl)sulfonyl]-4-[[6-(1H-imidazol-1-yl)-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)



RN 216957-48-1 CAPLUS
 CN Piperazine, 1-[(6-bromo-2-naphthalenyl)sulfonyl]-4-[4-(1H-imidazol-1-ylmethyl)benzoyl]- (9CI) (CA INDEX NAME)

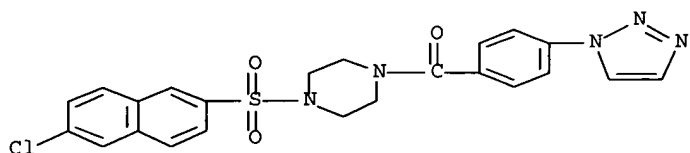


RN 216957-49-2 CAPLUS
 CN Piperazine, 1-([2,4'-bipyridin]-5-ylcarbonyl)-4-[(6-bromo-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



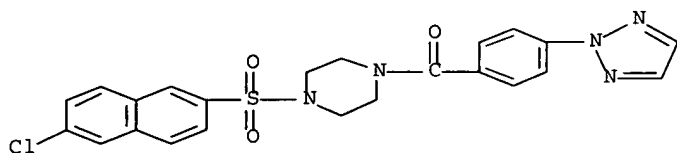
RN 216957-50-5 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(1H-1,2,3-triazol-1-yl)benzoyl]- (9CI) (CA INDEX NAME)



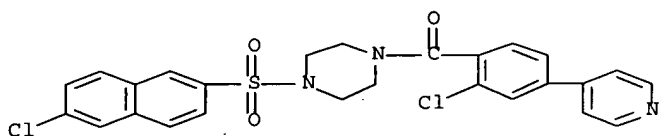
RN 216957-51-6 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(2H-1,2,3-triazol-2-yl)benzoyl]- (9CI) (CA INDEX NAME)



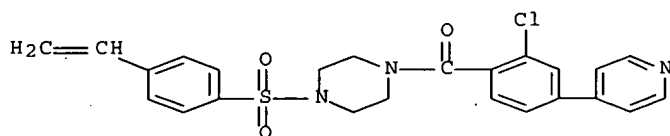
RN 216957-53-8 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[2-chloro-4-(4-pyridinyl)benzoyl]- (9CI) (CA INDEX NAME)



RN 216957-54-9 CAPLUS

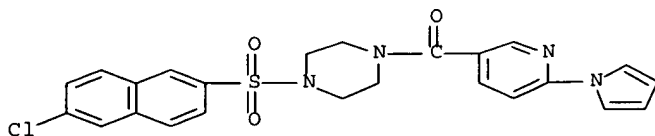
CN Piperazine, 1-[2-chloro-4-(4-pyridinyl)benzoyl]-4-[4-(4-ethenylphenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 216957-55-0 CAPLUS

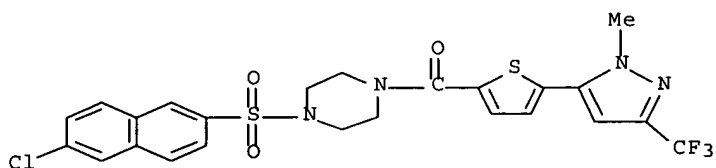
CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[6-(1H-pyrrol-1-yl)-3-(1H-1,2,3-triazol-1-yl)benzoyl]- (9CI) (CA INDEX NAME)

pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)



RN 216957-56-1 CAPLUS

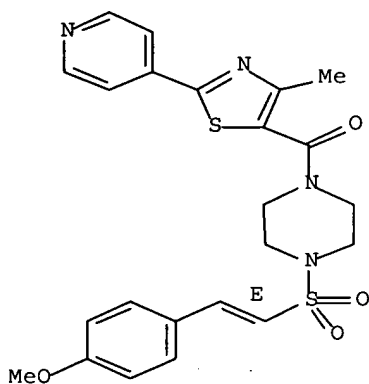
CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[5-[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]-2-thienyl]carbonyl]- (9CI) (CA INDEX NAME)



RN 216957-58-3 CAPLUS

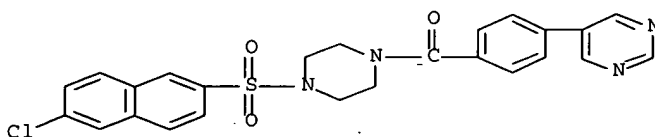
CN Piperazine, 1-[[[(1E)-2-(4-methoxyphenyl)ethenyl]sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



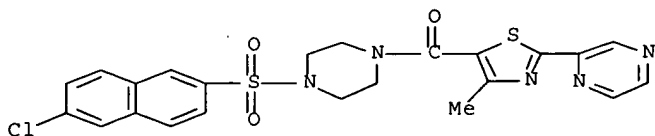
RN 216957-59-4 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(5-pyrimidinyl)benzoyl]- (9CI) (CA INDEX NAME)



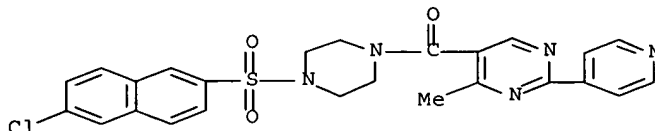
RN 216957-60-7 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[(4-methyl-2-pyrazinyl-5-thiazolyl)carbonyl]- (9CI) (CA INDEX NAME)



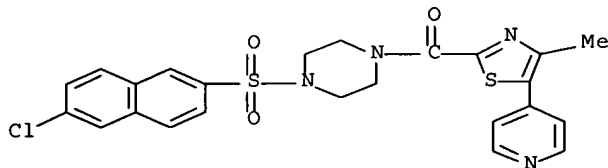
RN 216957-61-8 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-pyrimidinyl]carbonyl]- (9CI) (CA INDEX NAME)



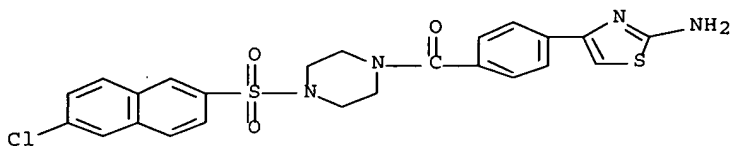
RN 216957-62-9 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[4-methyl-5-(4-pyridinyl)-2-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



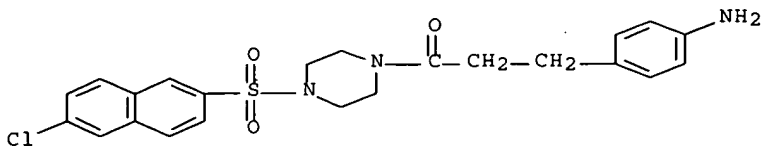
RN 216957-63-0 CAPLUS

CN Piperazine, 1-[4-(2-amino-4-thiazolyl)benzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



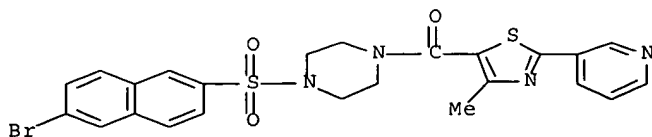
RN 216957-64-1 CAPLUS

CN Piperazine, 1-[3-(4-aminophenyl)-1-oxopropyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



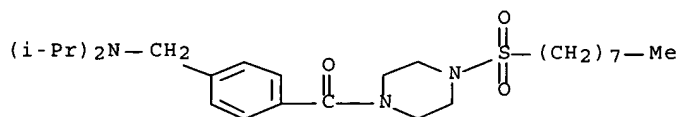
RN 216957-65-2 CAPLUS

CN Piperazine, 1-[(6-bromo-2-naphthalenyl)sulfonyl]-4-[[4-methyl-2-(3-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



RN 216957-66-3 CAPLUS

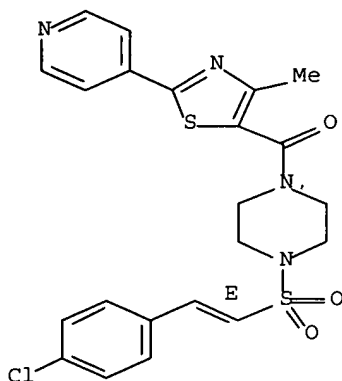
CN Piperazine, 1-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-4-(octylsulfonyl)- (9CI) (CA INDEX NAME)



RN 216957-67-4 CAPLUS

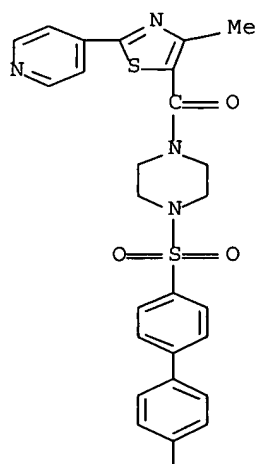
CN Piperazine, 1-[[{(1E)-2-(4-chlorophenyl)ethenyl]sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 216957-68-5 CAPLUS

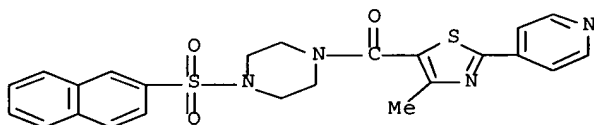
CN Piperazine, 1-[(4'-chloro[1,1'-biphenyl]-4-yl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



c1

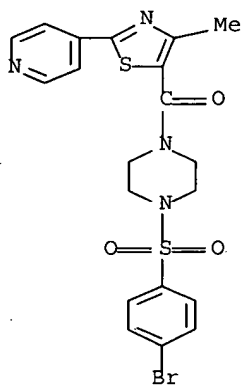
RN 216957-69-6 CAPLUS

CN Piperazine, 1-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]-4-(2-naphthalenylsulfonyl)- (9CI) (CA INDEX NAME)



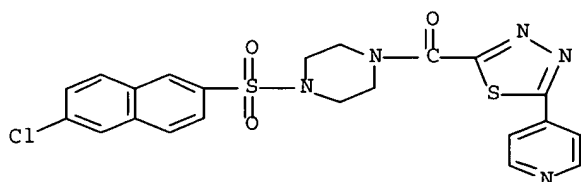
RN 216957-70-9 CAPLUS

CN Piperazine, 1-[(4-bromophenyl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



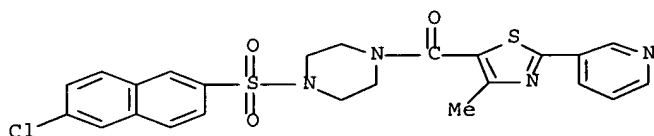
RN 216957-71-0 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[5-(4-pyridinyl)-1,3,4-thiadiazol-2-yl]carbonyl]- (9CI) (CA INDEX NAME)



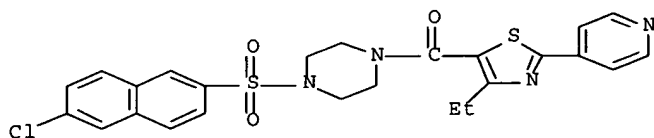
RN 216957-72-1 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[4-methyl-2-(3-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



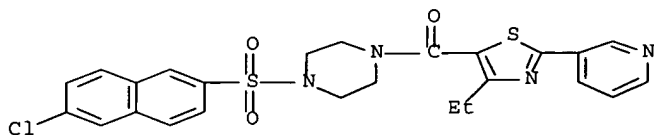
RN 216957-73-2 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[4-ethyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



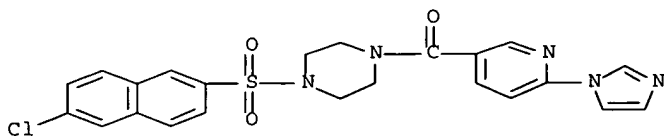
RN 216957-74-3 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[4-ethyl-2-(3-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



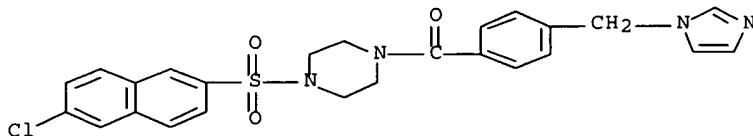
RN 216957-75-4 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[6-(1H-imidazol-1-yl)-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)



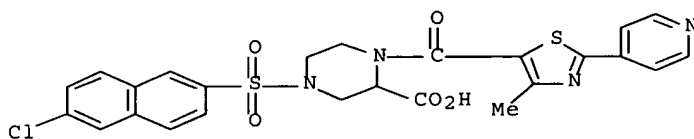
RN 216957-76-5 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(1H-imidazol-1-ylmethyl)benzoyl]- (9CI) (CA INDEX NAME)



RN 216957-77-6 CAPLUS

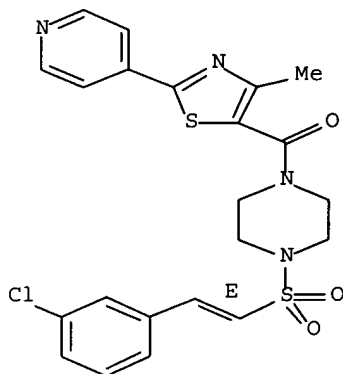
CN 2-Piperazinecarboxylic acid, 4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



RN 216957-78-7 CAPLUS

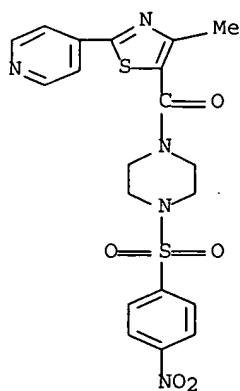
CN Piperazine, 1-[[[(1E)-2-(3-chlorophenyl)ethenyl]sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



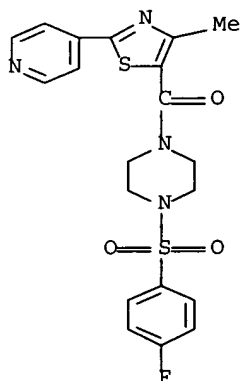
RN 216957-79-8 CAPLUS

CN Piperazine, 1-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]-4-[(4-nitrophenyl)sulfonyl]- (9CI) (CA INDEX NAME)



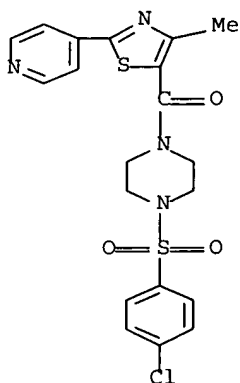
RN 216957-80-1 CAPLUS

CN Piperazine, 1-[[4-(4-fluorophenyl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



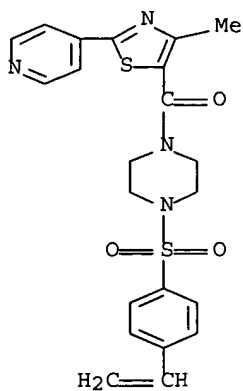
RN 216957-81-2 CAPLUS

CN Piperazine, 1-[[4-(4-chlorophenyl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



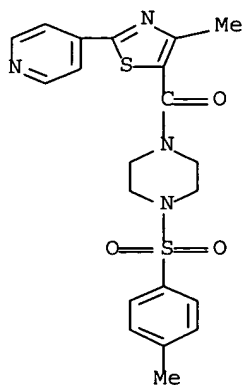
RN 216957-82-3 CAPLUS

CN Piperazine, 1-[[4-(4-ethenylphenyl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



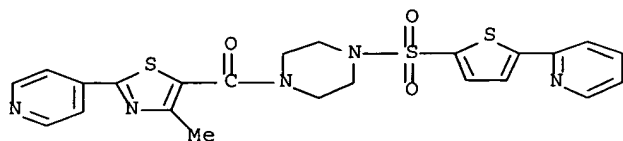
RN 216957-83-4 CAPLUS

CN Piperazine, 1-[[4-methylphenyl]sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



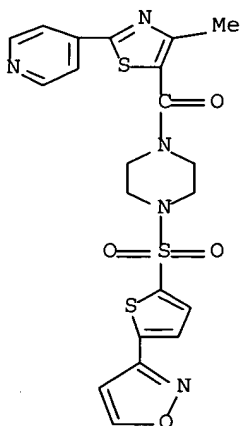
RN 216957-84-5 CAPLUS

CN Piperazine, 1-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]-4-[[5-(2-pyridinyl)-2-thienyl]sulfonyl]- (9CI) (CA INDEX NAME)



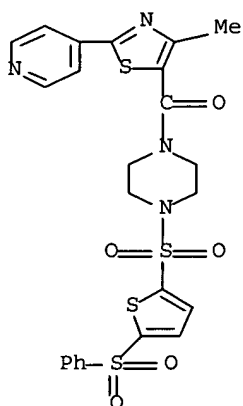
RN 216957-85-6 CAPLUS

CN Piperazine, 1-[[5-(3-isoxazolyl)-2-thienyl]sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



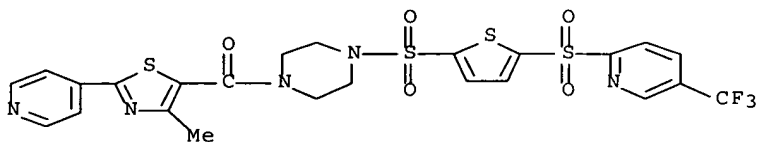
RN 216957-86-7 CAPLUS

CN Piperazine, 1-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]-4-[[5-(phenylsulfonyl)-2-thienyl]sulfonyl]- (9CI) (CA INDEX NAME)



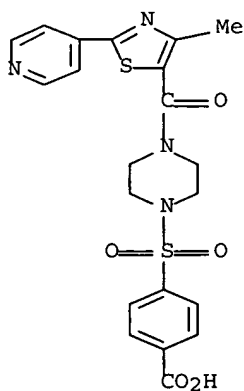
RN 216957-87-8 CAPLUS

CN Piperazine, 1-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]-4-[[5-[[5-(trifluoromethyl)-2-pyridinyl]sulfonyl]-2-thienyl]sulfonyl]- (9CI) (CA INDEX NAME)



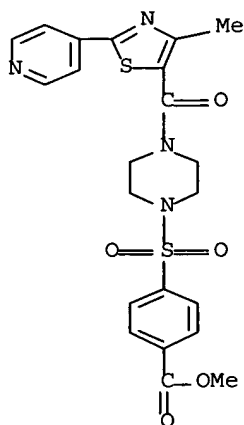
RN 216957-88-9 CAPLUS

CN Benzoic acid, 4-[[4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]-1-piperazinyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 216957-89-0 CAPLUS

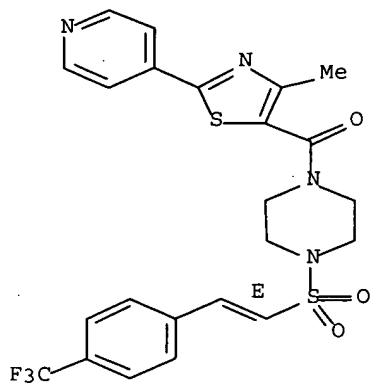
CN Benzoic acid, 4-[[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]-1-piperazinyl]sulfonyl]-, methyl ester (9CI) (CA INDEX NAME)



RN 216957-91-4 CAPLUS

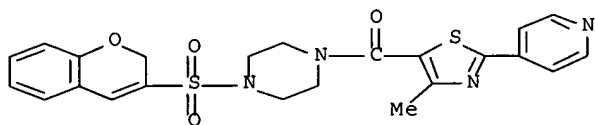
CN Piperazine, 1-[[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]-4-[[[(1E)-2-[4-(trifluoromethyl)phenyl]ethenyl]sulfonyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



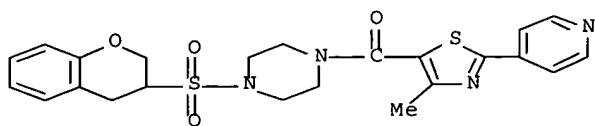
RN 216957-92-5 CAPLUS

CN Piperazine, 1-(2H-1-benzopyran-3-ylsulfonyl)-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



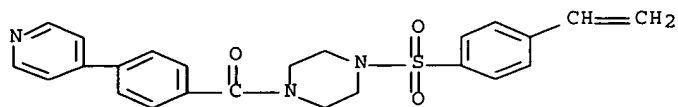
RN 216957-93-6 CAPLUS

CN Piperazine, 1-[(3,4-dihydro-2H-1-benzopyran-3-yl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



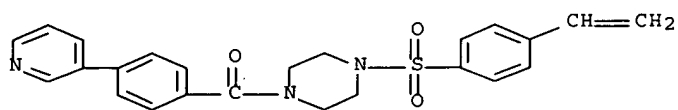
RN 216957-94-7 CAPLUS

CN Piperazine, 1-[(4-ethenylphenyl)sulfonyl]-4-[4-(4-pyridinyl)benzoyl]- (9CI) (CA INDEX NAME)



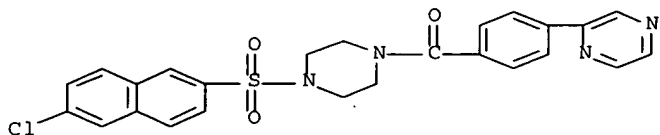
RN 216957-95-8 CAPLUS

CN Piperazine, 1-[(4-ethenylphenyl)sulfonyl]-4-[4-(3-pyridinyl)benzoyl]- (9CI) (CA INDEX NAME)



RN 216957-96-9 CAPLUS

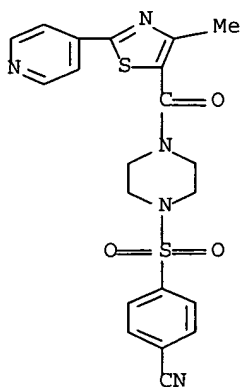
CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-(4-pyrazinylbenzoyl)- (9CI) (CA INDEX NAME)



RN 216957-97-0 CAPLUS

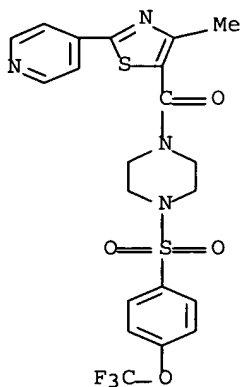
CN Piperazine, 1-[(4-cyanophenyl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-

thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



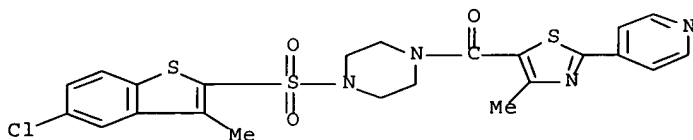
RN 216957-98-1 CAPLUS

CN Piperazine, 1-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]-4-[[4-(trifluoromethoxy)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



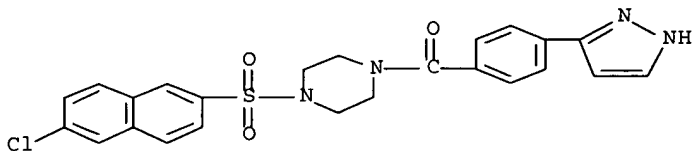
RN 216957-99-2 CAPLUS

CN Piperazine, 1-[(5-chloro-3-methylbenzo[b]thien-2-yl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



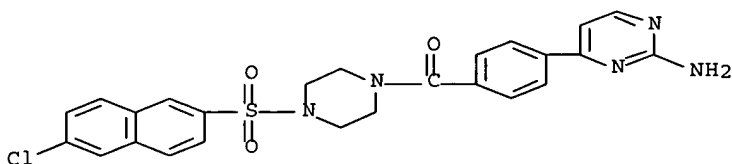
RN 216958-00-8 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(1H-pyrazol-3-yl)benzoyl]- (9CI) (CA INDEX NAME)



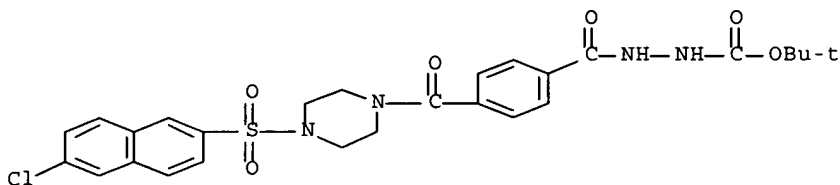
RN 216958-01-9 CAPLUS

CN Piperazine, 1-[4-(2-amino-4-pyrimidinyl)benzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



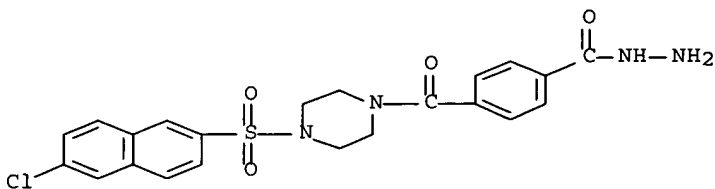
RN 216958-02-0 CAPLUS

CN Hydrazinecarboxylic acid, 2-[4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]benzoyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 216958-03-1 CAPLUS

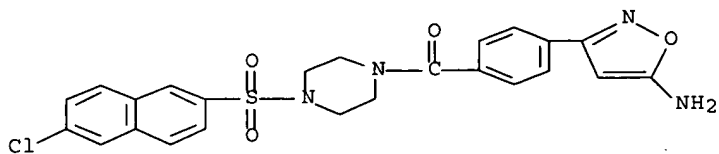
CN Benzoic acid, 4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]-, hydrazide, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

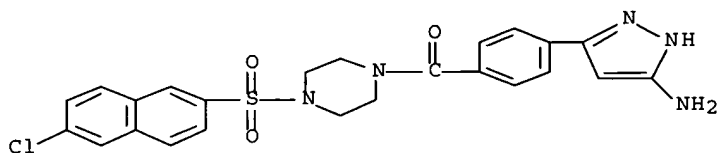
RN 216958-04-2 CAPLUS

CN Piperazine, 1-[4-(5-amino-3-isoxazolyl)benzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



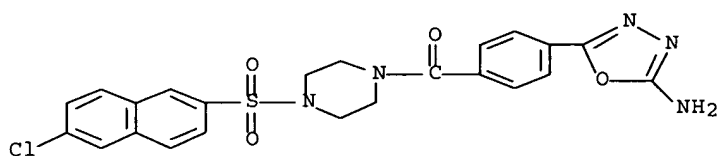
RN 216958-05-3 CAPLUS

CN Piperazine, 1-[4-(5-amino-1H-pyrazol-3-yl)benzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



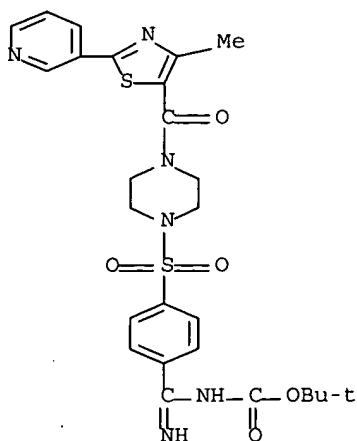
RN 216958-06-4 CAPLUS

CN Piperazine, 1-[4-(5-amino-1,3,4-oxadiazol-2-yl)benzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



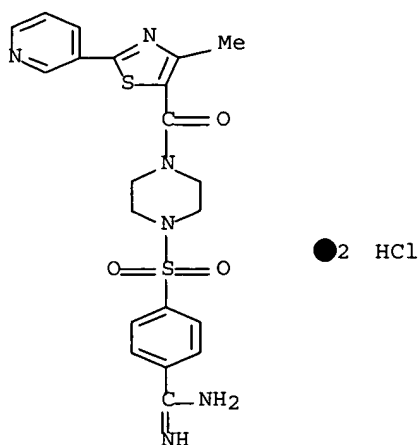
RN 216958-07-5 CAPLUS

CN Carbamic acid, [imino[4-[[4-[[4-methyl-2-(3-pyridinyl)-5-thiazolyl]carbonyl]-1-piperazinyl]sulfonyl]phenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 216958-08-6 CAPLUS

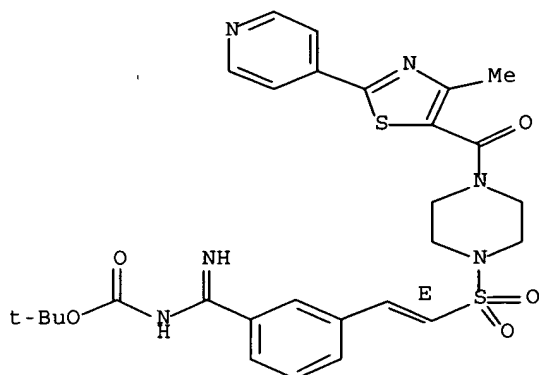
CN Piperazine, 1-[[4-(aminoiminomethyl)phenyl]sulfonyl]-4-[[4-methyl-2-(3-pyridinyl)-5-thiazolyl]carbonyl]-, dihydrochloride (9CI) (CA INDEX NAME)



RN 216958-09-7 CAPLUS

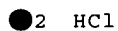
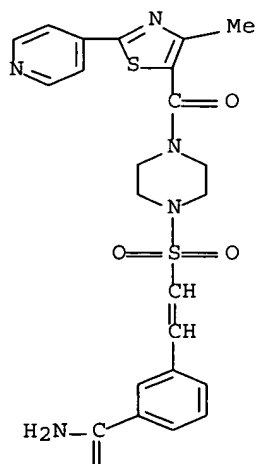
CN Carbamic acid, [imino[3-[(1E)-2-[[4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]-1-piperazinyl]sulfonyl]ethenyl]phenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 216958-10-0 CAPLUS

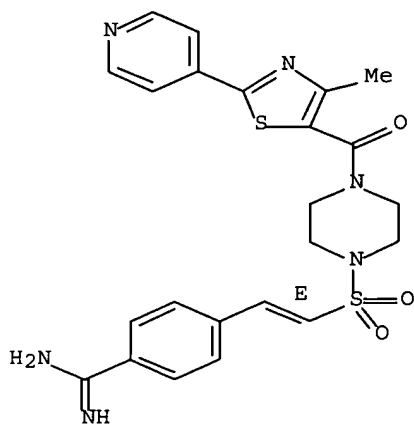
CN Piperazine, 1-[[2-[3-(aminoiminomethyl)phenyl]ethenyl]sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]-, dihydrochloride (9CI) (CA INDEX NAME)



RN 216958-11-1 CAPLUS

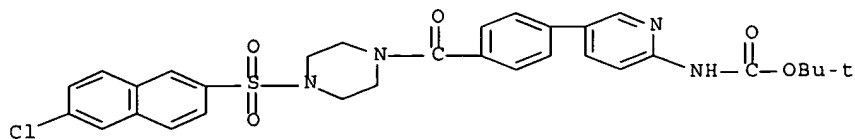
CN Piperazine, 1-[[{(1E)-2-[4-(aminoiminomethyl)phenyl]ethenyl]sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



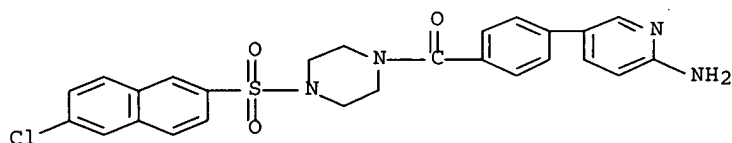
RN 216958-12-2 CAPLUS

CN Carbamic acid, [5-[4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]phenyl]-2-pyridinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 216958-13-3 CAPLUS

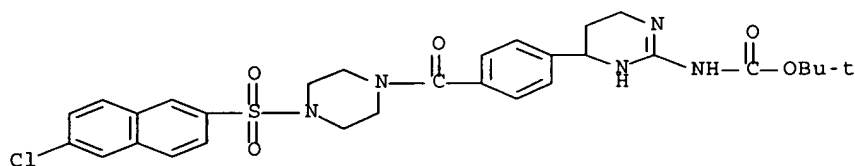
CN Piperazine, 1-[4-(6-amino-3-pyridinyl)benzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

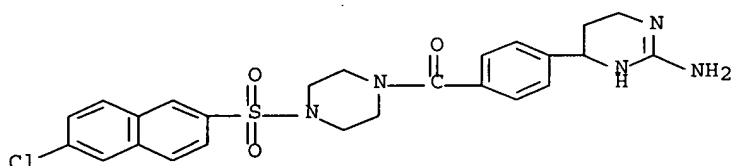
RN 216958-14-4 CAPLUS

CN Carbamic acid, [4-[4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]phenyl]-1,4,5,6-tetrahydro-2-pyrimidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 216958-15-5 CAPLUS

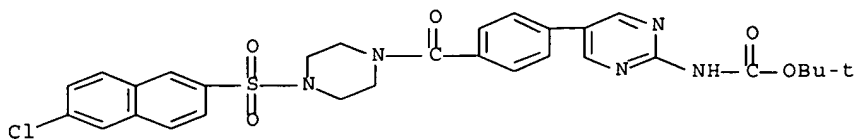
CN Piperazine, 1-[4-(2-amino-1,4,5,6-tetrahydro-4-pyrimidinyl)benzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

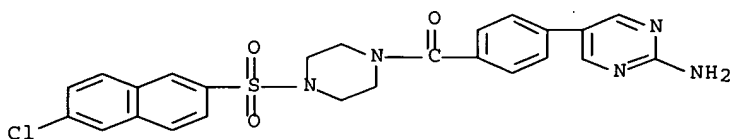
RN 216958-16-6 CAPLUS

CN Carbamic acid, [5-[4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]phenyl]-2-pyrimidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



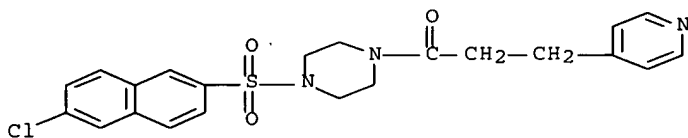
RN 216958-17-7 CAPLUS

CN Piperazine, 1-[4-(2-amino-5-pyrimidinyl)benzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



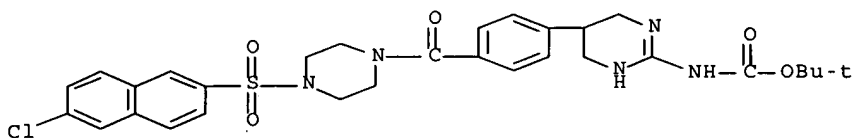
RN 216958-18-8 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[1-oxo-3-(4-pyridinyl)propyl]- (9CI) (CA INDEX NAME)



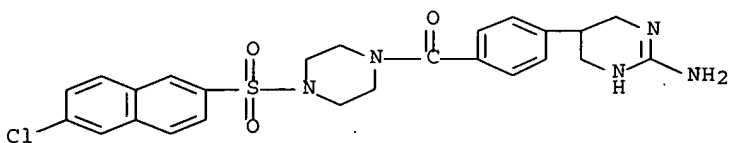
RN 216958-19-9 CAPLUS

CN Carbamic acid, [5-[4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]phenyl]-1,4,5,6-tetrahydro-2-pyrimidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



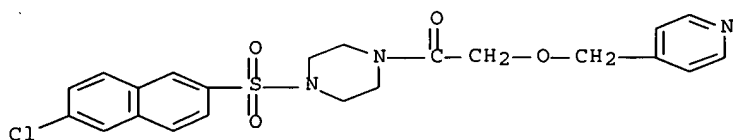
RN 216958-20-2 CAPLUS

CN Piperazine, 1-[4-(2-amino-1,4,5,6-tetrahydro-5-pyrimidinyl)benzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

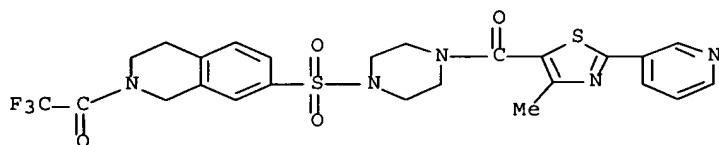


● HCl

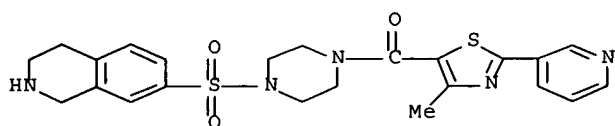
RN 216958-21-3 CAPLUS
 CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[(4-pyridinylmethoxy)acetyl]- (9CI) (CA INDEX NAME)



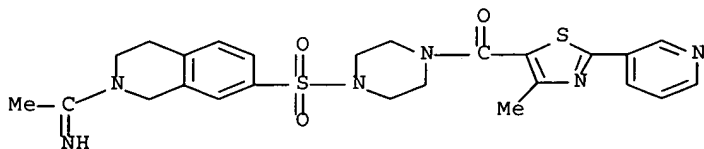
RN 216958-22-4 CAPLUS
 CN Isoquinoline, 1,2,3,4-tetrahydro-7-[[4-[[4-methyl-2-(3-pyridinyl)-5-thiazolyl]carbonyl]-1-piperazinyl]sulfonyl]-2-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



RN 216958-24-6 CAPLUS
 CN Piperazine, 1-[[4-methyl-2-(3-pyridinyl)-5-thiazolyl]carbonyl]-4-[(1,2,3,4-tetrahydro-7-isoquinolinyl)sulfonyl]- (9CI) (CA INDEX NAME)

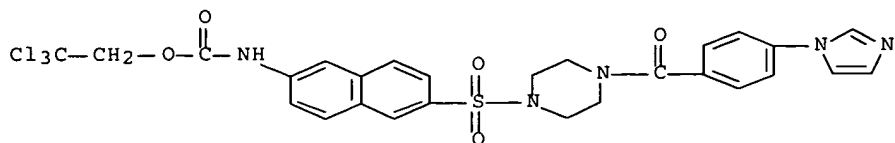


RN 216958-26-8 CAPLUS
 CN Piperazine, 1-[[4-methyl-2-(3-pyridinyl)-5-thiazolyl]carbonyl]-4-[[1,2,3,4-tetrahydro-2-(1-iminoethyl)-7-isoquinolinyl]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)



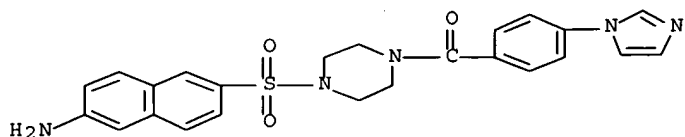
● 2 HCl

RN 216958-28-0 CAPLUS
 CN Carbamic acid, [6-[[4-[[4-(1H-imidazol-1-yl)benzoyl]-1-piperazinyl]sulfonyl]-2-naphthalenyl]-, 2,2,2-trichloroethyl ester (9CI) (CA INDEX NAME)



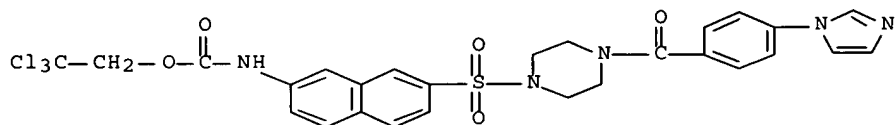
RN 216958-30-4 CAPLUS

CN Piperazine, 1-[(6-amino-2-naphthalenyl)sulfonyl]-4-[4-(1H-imidazol-1-yl)benzoyl]- (9CI) (CA INDEX NAME)



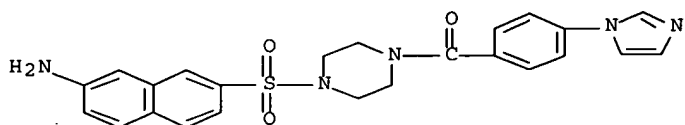
RN 216958-32-6 CAPLUS

CN Carbamic acid, [7-[[4-[4-(1H-imidazol-1-yl)benzoyl]-1-piperazinyl]sulfonyl]-2-naphthalenyl]-, 2,2,2-trichloroethyl ester (9CI) (CA INDEX NAME)



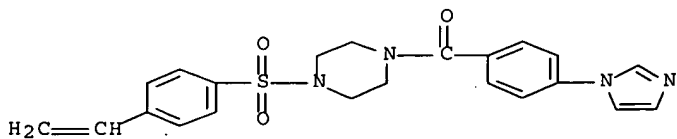
RN 216958-34-8 CAPLUS

CN Piperazine, 1-[(7-amino-2-naphthalenyl)sulfonyl]-4-[4-(1H-imidazol-1-yl)benzoyl]- (9CI) (CA INDEX NAME)



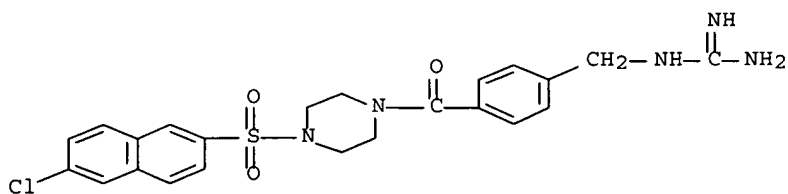
RN 216958-37-1 CAPLUS

CN Piperazine, 1-[(4-ethenylphenyl)sulfonyl]-4-[4-(1H-imidazol-1-yl)benzoyl]- (9CI) (CA INDEX NAME)



RN 216958-40-6 CAPLUS

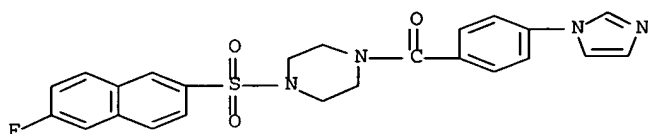
CN Piperazine, 1-[4-[[[(aminoiminomethyl)amino]methyl]benzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 216958-42-8 CAPLUS

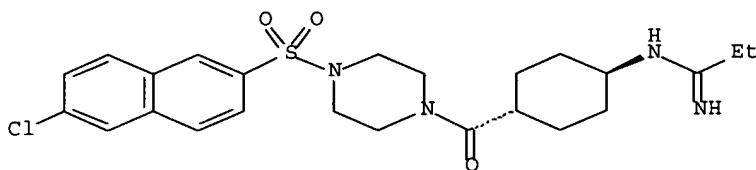
CN Piperazine, 1-[(6-fluoro-2-naphthalenyl)sulfonyl]-4-[4-(1H-imidazol-1-yl)benzoyl]- (9CI) (CA INDEX NAME)



RN 216958-45-1 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[trans-4-[(1-aminopropyl)amino]cyclohexyl]carbonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.

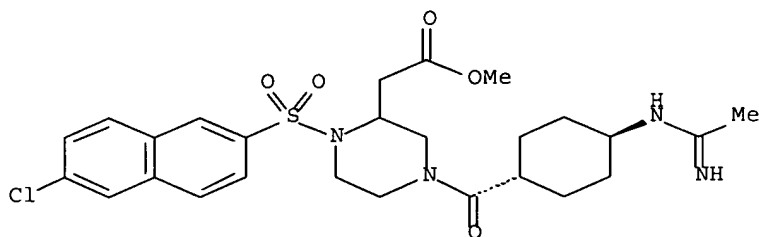


● HCl

RN 216958-48-4 CAPLUS

CN 2-Piperazineacetic acid, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[trans-4-[(1-iminoethyl)amino]cyclohexyl]carbonyl]-, methyl ester, monohydrochloride (9CI) (CA INDEX NAME)

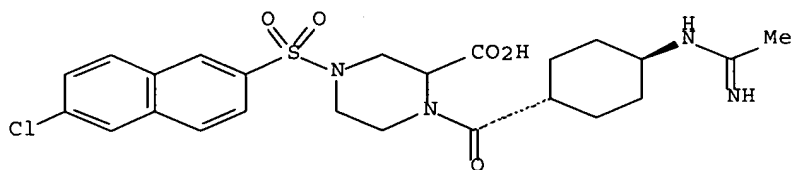
Relative stereochemistry.



● HCl

RN 216958-51-9 CAPLUS
 CN 2-Piperazinecarboxylic acid, 4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-[[trans-4-[(1-iminoethyl)amino]cyclohexyl]carbonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

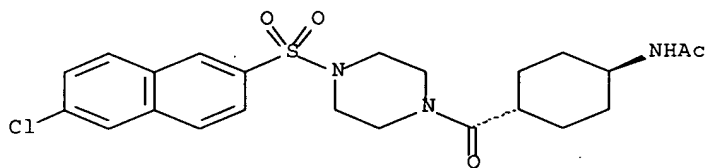
Relative stereochemistry.



● HCl

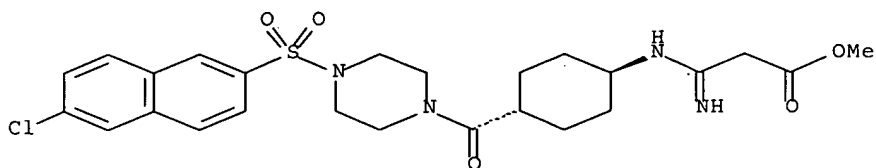
RN 216958-54-2 CAPLUS
 CN Acetamide, N-[trans-4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]- (9CI) (CA INDEX NAME)

Relative stereochemistry.



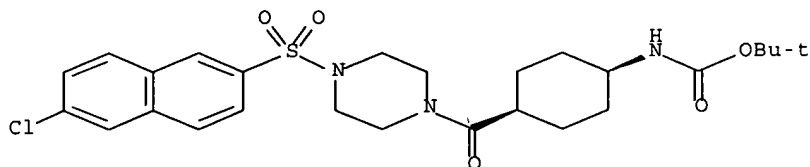
RN 216958-58-6 CAPLUS
 CN Propanoic acid, 3-[[trans-4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]amino]-3-imino-, methyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



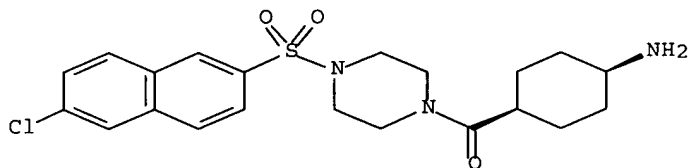
RN 216958-62-2 CAPLUS
 CN Carbamic acid, [cis-4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 216958-65-5 CAPLUS
 CN Piperazine, 1-[(cis-4-aminocyclohexyl)carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

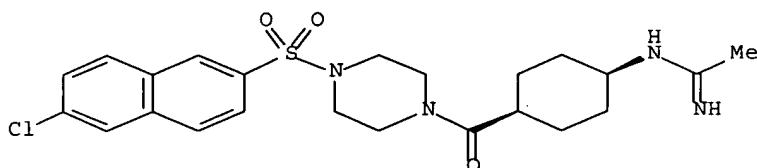
Relative stereochemistry.



● HCl

RN 216958-69-9 CAPLUS
 CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[cis-4-[(1-iminoethyl)amino]cyclohexyl]carbonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

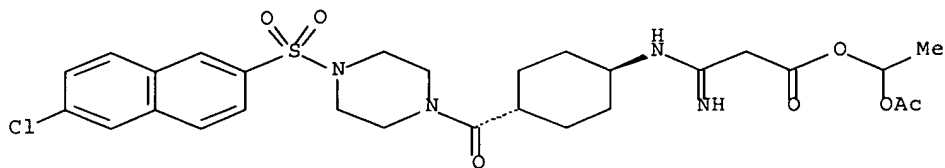
Relative stereochemistry.



● HCl

RN 216958-72-4 CAPLUS
 CN Propanoic acid, 3-[[trans-4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]amino]-3-imino-, 1-(acetyloxy)ethyl ester (9CI) (CA INDEX NAME)

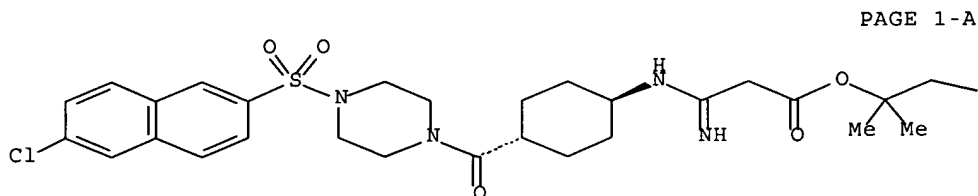
Relative stereochemistry.



RN 216958-76-8 CAPLUS

CN Propanoic acid, 3-[[trans-4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]amino]-3-imino-, 2-(acetyloxy)-1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



PAGE 1-A

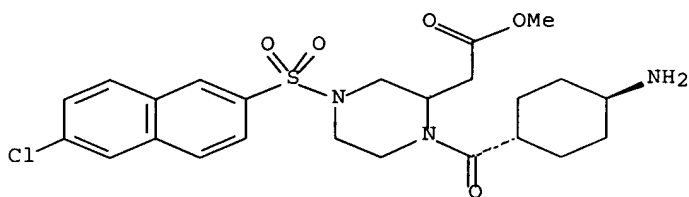
PAGE 1-B

—OAc

RN 216958-81-5 CAPLUS

CN 2-Piperazineacetic acid, 1-[(trans-4-aminocyclohexyl)carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, methyl ester, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.

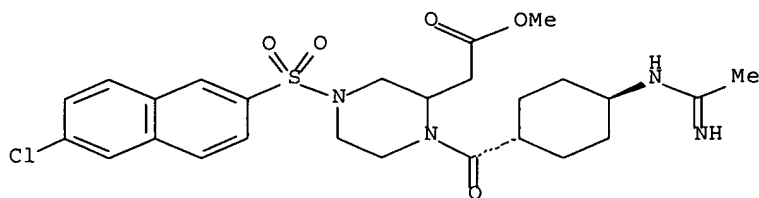


● HCl

RN 216958-85-9 CAPLUS

CN 2-Piperazineacetic acid, 4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-[[trans-4-[(1-iminoethyl)amino]cyclohexyl]carbonyl]-, methyl ester, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.

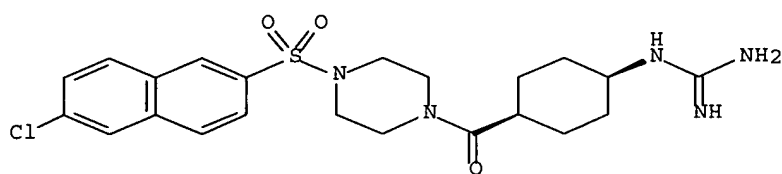


● HCl

RN 216958-88-2 CAPLUS

CN Piperazine, 1-[[cis-4-[(aminoiminomethyl)amino]cyclohexyl]carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.

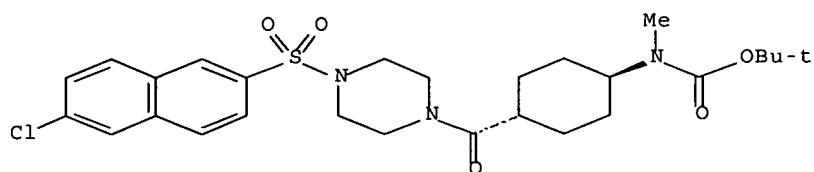


● HCl

RN 216958-90-6 CAPLUS

CN Carbamic acid, [trans-4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

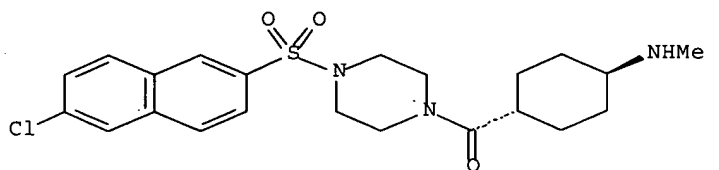
Relative stereochemistry.



RN 216958-92-8 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[trans-4-(methylamino)cyclohexyl]carbonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

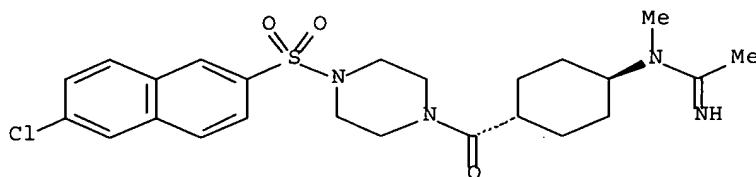
Relative stereochemistry.



HCl

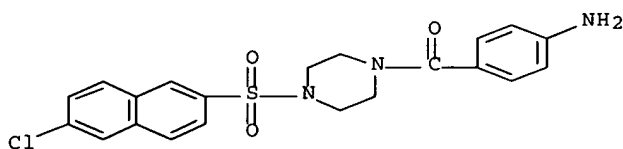
RN 216958-94-0 CAPLUS
 CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[trans-4-[(1-iminoethyl)methylamino]cyclohexyl]carbonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.



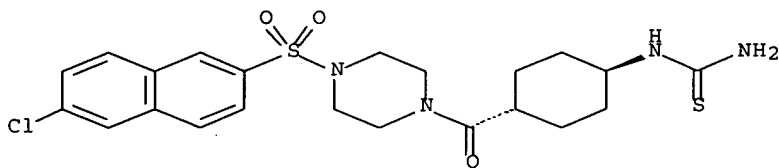
● HCl

RN 216958-96-2 CAPLUS
 CN Piperazine, 1-(4-aminobenzoyl)-4-[(6-chloro-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



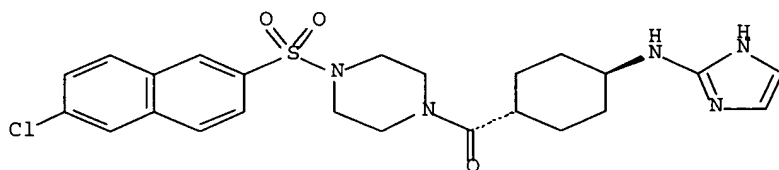
RN 216958-98-4 CAPLUS
 CN Piperazine, 1-[[trans-4-[(aminothioxomethyl)amino]cyclohexyl]carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 216959-00-1 CAPLUS
 CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[trans-4-(1H-imidazol-2-ylamino)cyclohexyl]carbonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

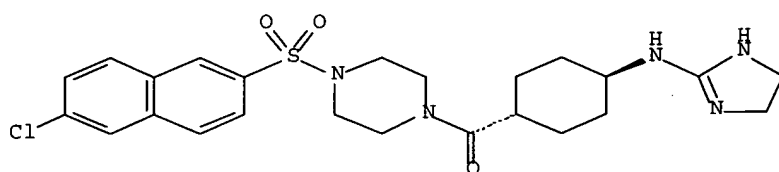
Relative stereochemistry.



● HCl

RN 216959-03-4 CAPLUS
 CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[trans-4-[(4,5-dihydro-1H-imidazol-2-yl)amino]cyclohexyl]carbonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

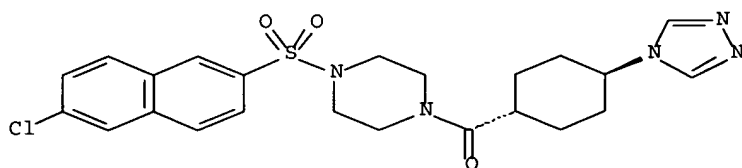
Relative stereochemistry.



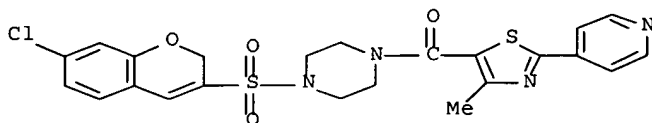
● HCl

RN 216959-05-6 CAPLUS
 CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[trans-4-(4H-1,2,4-triazol-4-yl)cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

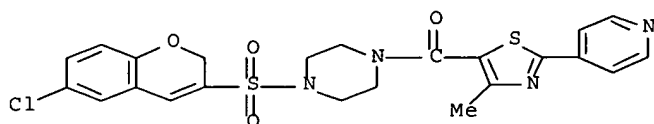
Relative stereochemistry.



RN 216959-07-8 CAPLUS
 CN Piperazine, 1-[(7-chloro-2H-1-benzopyran-3-yl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)

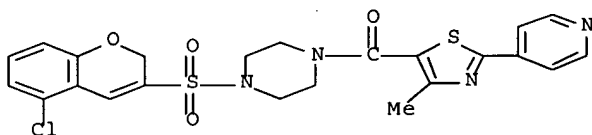


RN 216959-09-0 CAPLUS
 CN Piperazine, 1-[(6-chloro-2H-1-benzopyran-3-yl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



RN 216959-11-4 CAPLUS

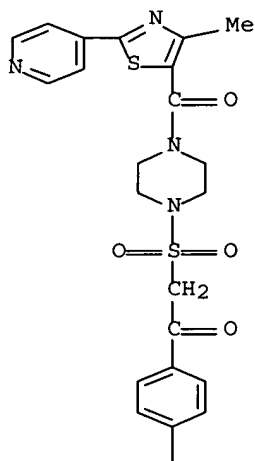
CN Piperazine, 1-[(5-chloro-2H-1-benzopyran-3-yl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



RN 216959-13-6 CAPLUS

CN Piperazine, 1-[[2-(4-chlorophenyl)-2-oxoethyl]sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)

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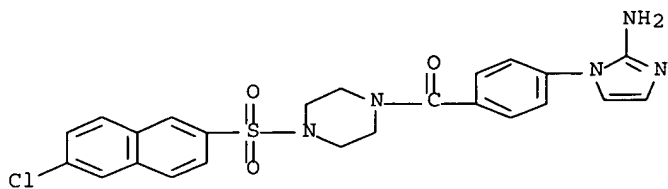


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d1

RN 216959-15-8 CAPLUS

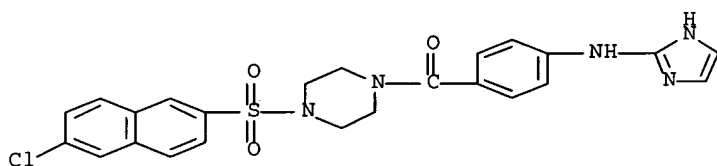
CN Piperazine, 1-[4-(2-amino-1H-imidazol-1-yl)benzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 216959-16-9 CAPLUS

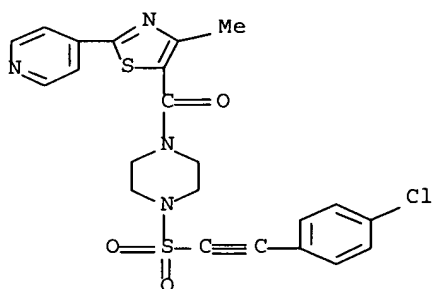
CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(1H-imidazol-2-ylamino)benzoyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 216959-17-0 CAPLUS

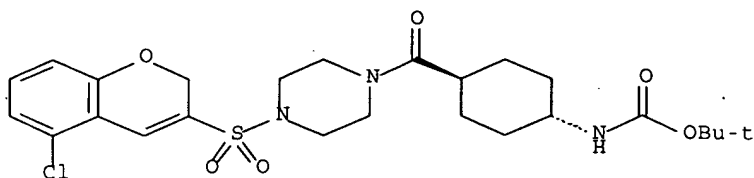
CN Piperazine, 1-[[[4-(4-chlorophenyl)ethynyl]sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



RN 216959-19-2 CAPLUS

CN Carbamic acid, [trans-4-[4-[(5-chloro-2H-1-benzopyran-3-yl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester, monohydrochloride (9CI) (CA INDEX NAME)

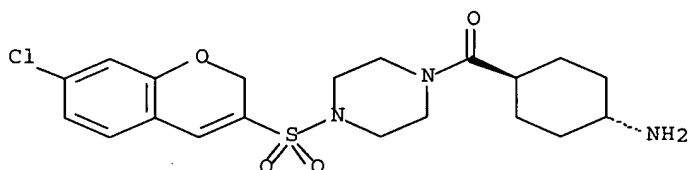
Relative stereochemistry.



● HCl

RN 216959-21-6 CAPLUS
 CN Piperazine, 1-[(trans-4-aminocyclohexyl)carbonyl]-4-[(7-chloro-2H-1-benzopyran-3-yl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

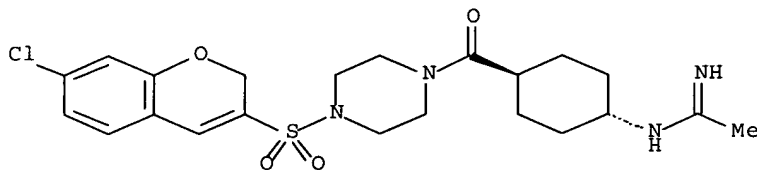
Relative stereochemistry.



● HCl

RN 216959-23-8 CAPLUS
 CN Piperazine, 1-[(7-chloro-2H-1-benzopyran-3-yl)sulfonyl]-4-[(trans-4-[(1-iminoethyl)amino]cyclohexyl)carbonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

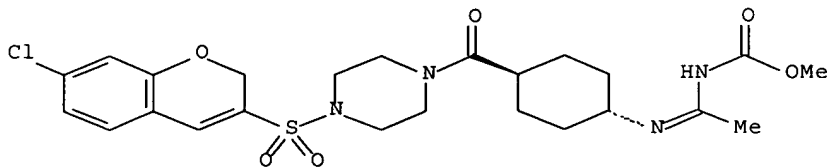
Relative stereochemistry.



● HCl

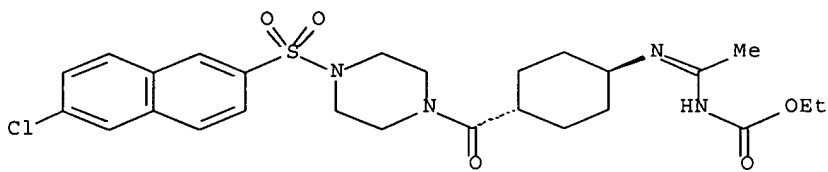
RN 216959-24-9 CAPLUS
 CN Carbamic acid, [1-[[trans-4-[[4-[(7-chloro-2H-1-benzopyran-3-yl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]amino]ethylidene]-, methyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 216959-25-0 CAPLUS
 CN Carbamic acid, [1-[[trans-4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]amino]ethylidene]-, ethyl ester (9CI) (CA INDEX NAME)

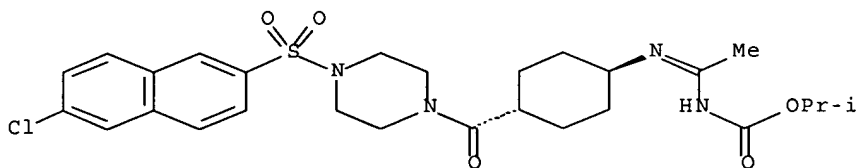
Relative stereochemistry.



RN 216959-26-1 CAPLUS

CN Carbamic acid, [1-[[trans-4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]amino]ethylidene]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

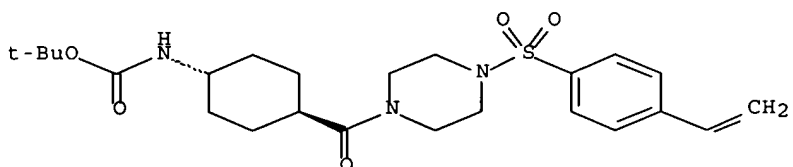
Relative stereochemistry.



RN 216959-27-2 CAPLUS

CN Carbamic acid, [trans-4-[[4-[(4-ethenylphenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

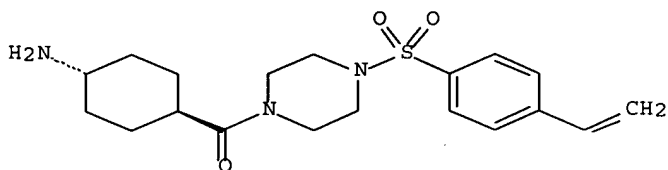
Relative stereochemistry.



RN 216959-28-3 CAPLUS

CN Piperazine, 1-[(trans-4-aminocyclohexyl)carbonyl]-4-[(4-ethenylphenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.



● HCl

(続く)

(66頁から続く)

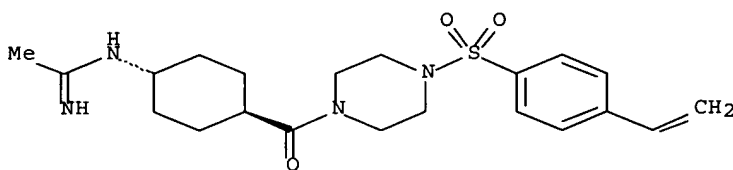
IT 216959-29-4P 216959-30-7P 216959-31-8P
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216959-63-6P 216960-32-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 1-benzoyl-4-naphthalenesulfonylpiperazines and related compds. as inhibitors of activated coagulation factor X)

RN 216959-29-4 CAPLUS

CN Piperazine, 1-[(4-ethenylphenyl)sulfonyl]-4-[[trans-4-[(1-iminoethyl)amino]cyclohexyl]carbonyl]- (9CI) (CA INDEX NAME)

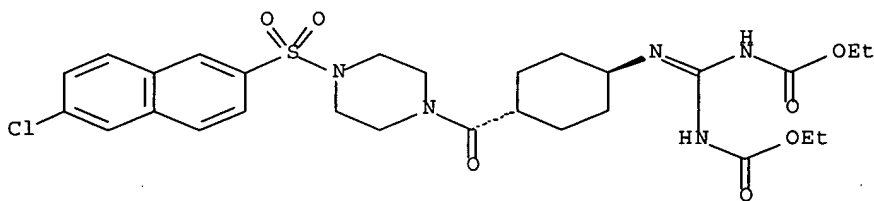
Relative stereochemistry.



RN 216959-30-7 CAPLUS

CN Carbamic acid, [[[trans-4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]carbonimidoyl]bis-, diethyl ester (9CI)
(CA INDEX NAME)

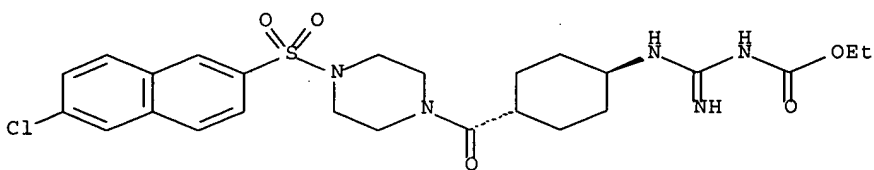
Relative stereochemistry.



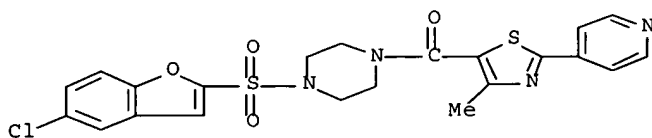
RN 216959-31-8 CAPLUS

CN Carbamic acid, [[[trans-4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]amino]iminomethyl]-, ethyl ester (9CI)
(CA INDEX NAME)

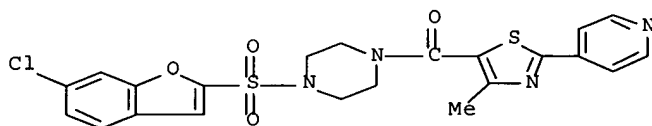
Relative stereochemistry.



RN 216959-32-9 CAPLUS
 CN Piperazine, 1-[(5-chloro-2-benzofuranyl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)

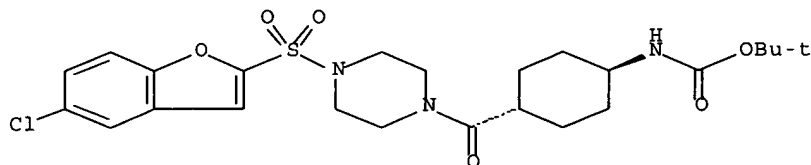


RN 216959-33-0 CAPLUS
 CN Piperazine, 1-[(6-chloro-2-benzofuranyl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



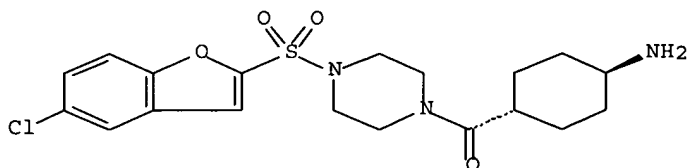
RN 216959-35-2 CAPLUS
 CN Carbamic acid, [trans-4-[[4-[(5-chloro-2-benzofuranyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 216959-36-3 CAPLUS
 CN Piperazine, 1-[(trans-4-aminocyclohexyl)carbonyl]-4-[(5-chloro-2-benzofuranyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

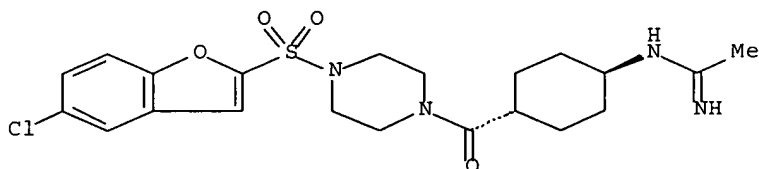
Relative stereochemistry.



● HCl

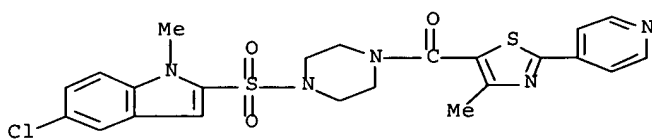
RN 216959-37-4 CAPLUS
 CN Piperazine, 1-[(5-chloro-2-benzofuranyl)sulfonyl]-4-[[trans-4-[(1-iminoethyl)amino]cyclohexyl]carbonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.

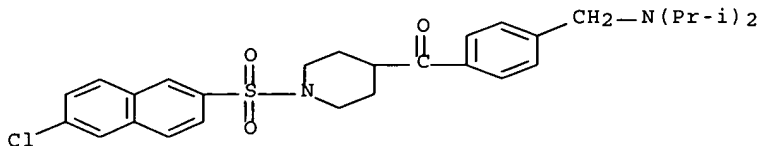


● HCl

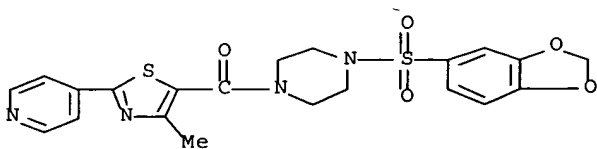
RN 216959-39-6 CAPLUS
CN Piperazine, 1-[(5-chloro-1-methyl-1H-indol-2-yl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



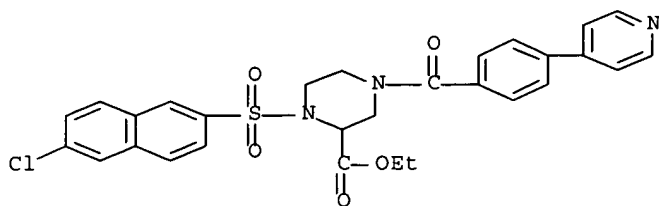
RN 216959-41-0 CAPLUS
CN Piperidine, 4-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-1-[(6-chloro-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 216959-43-2 CAPLUS
CN Piperazine, 1-(1,3-benzodioxol-5-ylsulfonyl)-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



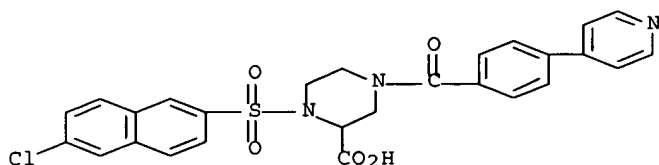
RN 216959-45-4 CAPLUS
CN 2-Piperazinecarboxylic acid, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(4-pyridinyl)benzoyl]-, ethyl ester, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

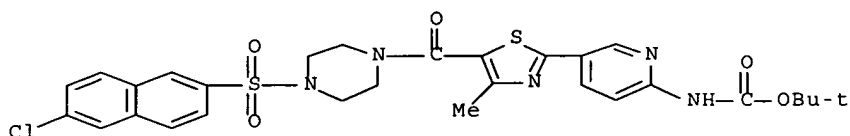
RN 216959-47-6 CAPLUS

CN 2-Piperazinecarboxylic acid, 1-[[6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(4-pyridinyl)benzoyl]- (9CI) (CA INDEX NAME)



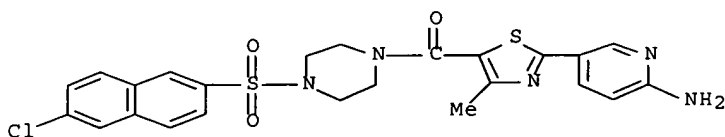
RN 216959-48-7 CAPLUS

CN Carbamic acid, [5-[5-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]-4-methyl-2-thiazolyl]-2-pyridinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 216959-49-8 CAPLUS

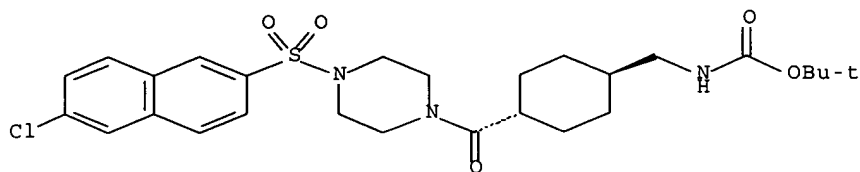
CN Piperazine, 1-[[2-(6-amino-3-pyridinyl)-4-methyl-5-thiazolyl]carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 216959-51-2 CAPLUS

CN Carbamic acid, [[trans-4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexylmethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

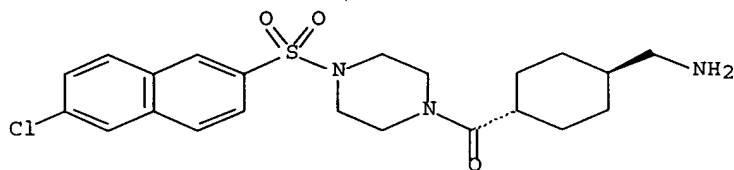
Relative stereochemistry.



RN 216959-52-3 CAPLUS

CN Piperazine, 1-[[trans-4-(aminomethyl)cyclohexyl]carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.

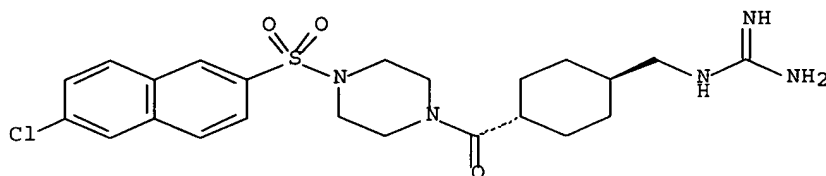


● HCl

RN 216959-53-4 CAPLUS

CN Piperazine, 1-[[trans-4-[[[(aminoiminomethyl)amino]methyl]cyclohexyl]carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

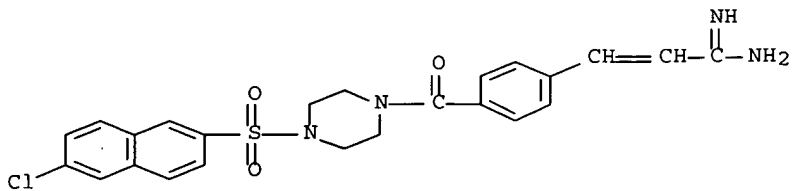
Relative stereochemistry.



● HCl

RN 216959-54-5 CAPLUS

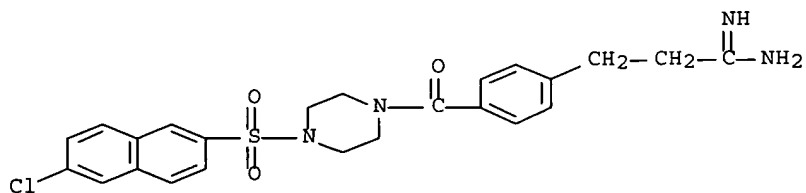
CN Piperazine, 1-[4-(3-amino-3-imino-1-propenyl)benzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



HCl

RN 216959-55-6 CAPLUS

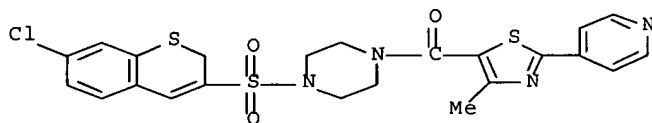
CN Piperazine, 1-[4-(3-amino-3-iminopropyl)benzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

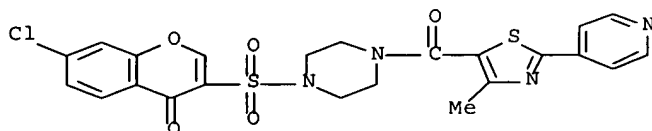
RN 216959-56-7 CAPLUS

CN Piperazine, 1-[(7-chloro-2H-1-benzothiopyran-3-yl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



RN 216959-57-8 CAPLUS

CN Piperazine, 1-[(7-chloro-4-oxo-4H-1-benzopyran-3-yl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)

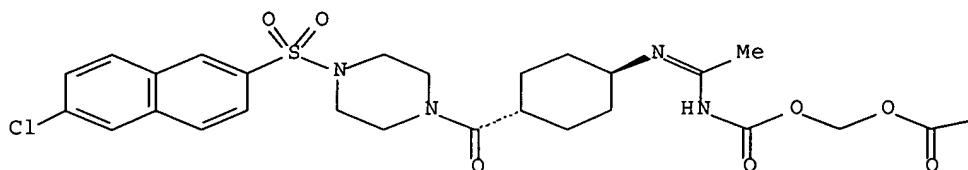


RN 216959-58-9 CAPLUS

CN Propanoic acid, 2,2-dimethyl-, [[[[1-[[trans-4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]amino]ethylidene]amino]carbonyl]oxy]methyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.

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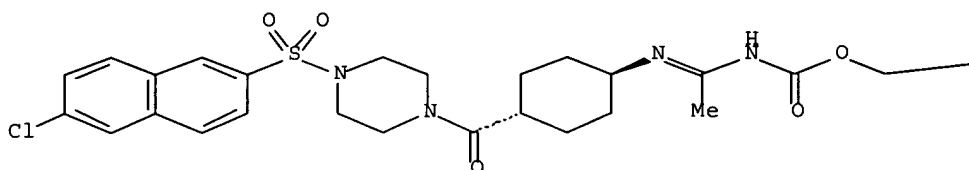
—Bu-t

RN 216959-59-0 CAPLUS

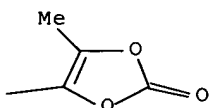
CN Carbamic acid, [1-[[trans-4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]amino]ethylidene]-, (5-methyl-2-oxo-1,3-dioxol-4-yl)methyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A

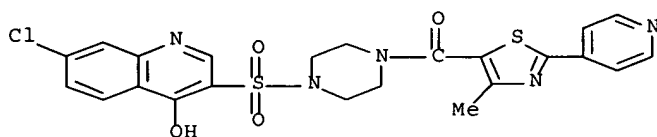


PAGE 1-B



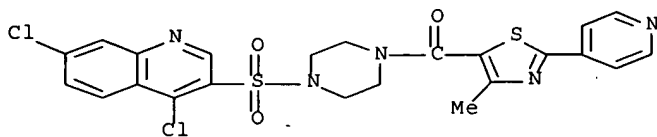
RN 216959-60-3 CAPLUS

CN Piperazine, 1-[(7-chloro-4-hydroxy-3-quinolinyl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



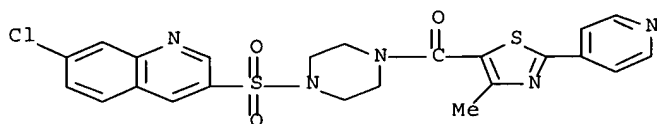
RN 216959-61-4 CAPLUS

CN Piperazine, 1-[(4,7-dichloro-3-quinolinyl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



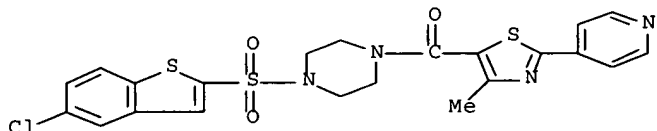
RN 216959-62-5 CAPLUS

CN Piperazine, 1-[(7-chloro-3-quinolinyl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



RN 216959-63-6 CAPLUS

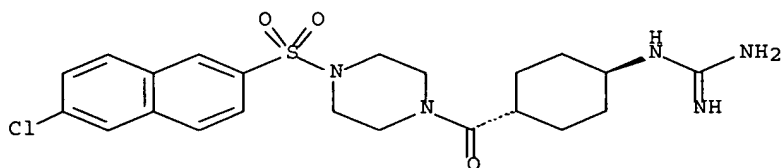
CN Piperazine, 1-[(5-chlorobenzo[b]thien-2-yl)sulfonyl]-4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



RN 216960-32-6 CAPLUS

CN Piperazine, 1-[[trans-4-[(aminoiminomethyl)amino]cyclohexyl]carbonyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)

Relative stereochemistry.



IT 70-23-5, Ethyl bromopyruvate 74-89-5, Methylamine, reactions 79-22-1, Methyl chlorocarbonate 85-46-1, 1-Naphthalenesulfonyl chloride 90-02-8, reactions 93-11-8, 2-Naphthalenesulfonyl chloride 98-58-8, 4-Bromobenzenesulfonyl chloride 98-59-9, 4-Toluenesulfonyl chloride 98-60-2, 4-Chlorobenzenesulfonyl chloride 98-74-8, 4-Nitrobenzenesulfonyl chloride 103-67-3, Benzylmethylamine 108-18-9, Diisopropylamine 108-23-6, Isopropyl chlorocarbonate 109-89-7, reactions 110-89-4, Piperidine, reactions 110-96-3, Diisobutylamine 123-90-0, Thiomorpholine 124-40-3, Dimethylamine, reactions 150-13-0, 4-Aminobenzoic acid 288-32-4, Imidazole, reactions 288-88-0, 1H-1,2,4-Triazole 325-09-7, 6-Fluoronaphthalene-2-sulfonyl chloride 349-88-2, 4-Fluorobenzenesulfonyl chloride 451-46-7, Ethyl 4-fluorobenzoate 504-03-0, 2,6-Dimethylpiperidine 532-55-8, Benzoyl isothiocyanate 541-41-3, Ethyl chlorocarbonate 589-15-1, 4-Bromobenzyl bromide 609-15-4, Ethyl 2-chloroacetoacetate 635-93-8, 5-Chlorosalicylaldehyde 876-08-4, 4-Chloromethylbenzoyl chloride 1126-46-1, Methyl 4-chlorobenzoate 1692-15-5, 4-Pyridylboronic acid 1939-99-7, Benzylsulfonyl chloride 2196-13-6, Thioisonicotinamide 2208-07-3, Ethyl acetimidate hydrochloride 2393-17-1, 3-(4-Aminophenyl)propionic acid 2420-26-0, 4-Chlorosalicylaldehyde 2527-99-3, Methyl 5-bromo-2-furancarboxylate 2633-67-2, p-Styrenesulfonyl chloride 4023-02-3 4432-77-3 5349-17-7,

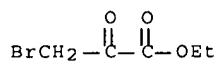
4-Bromoacetylpyridine hydrobromide 5429-28-7,
 4-Diethylaminobenzoic acid 5798-75-4, Ethyl 4-bromobenzoate
 6318-43-0, 3-(4-Pyridyl)propionic acid 7755-92-2,
 1-Formylpiperazine 7795-95-1, 1-Octanesulfonyl chloride
 10130-89-9, 4-Chlorosulfonylbenzoic acid 13569-97-6,
 4-(4-Imidazolyl)benzoic acid 15177-68-1 16694-46-5,
 Ethyl formimidate hydrochloride 16982-21-1, Ethyl thiooxamate
 20443-74-7, 4'-Chlorobiphenyl-4-sulfonyl chloride
 20532-33-6, 5-Chlorobenzo[b]thiophene 27219-07-4,
 5-tert-Butoxycarbonylaminopentanoic acid 33142-21-1
 33233-67-9 35625-82-2, 2-Methylthioimidazoline
 35794-11-7, 3,5-Dimethylpiperidine 39091-01-5
 40546-35-8 42823-46-1, 4-Guanidinobenzoic acid
 hydrochloride 49584-26-1, 4-Cyanobenzenesulfonyl chloride
 50637-98-4 51322-21-5, 4-Amidinobenzoyl chloride
 hydrochloride 52147-98-5 53292-89-0 53292-90-3
 56875-59-3, 6-Methoxynaphthalene-2-sulfonyl chloride
 56875-60-6, 7-Methoxynaphthalene-2-sulfonyl chloride
 57260-71-6, 1-tert-Butoxycarbonylpiperazine 62224-19-5,
 Methyl 5-bromo-2-thiophenecarboxylate 63024-77-1,
 3-Chloromethylbenzoyl chloride 73781-91-6, Methyl
 6-chloronicotinate 74291-57-9 78190-05-3
 81245-24-1, Methyl 2-methoxy-4-methylbenzoate 84358-13-4
 , N-tert-Butoxycarbonylisonipecotic acid 89108-45-2,
 5-Chloronaphthalene-2-sulfonyl chloride 90322-96-6
 94084-75-0 94108-56-2, 4-Trifluoromethoxybenzenesulfonyl
 chloride 101623-68-1 101623-83-0 102153-63-9
 , 6-Chloronaphthalene-2-sulfonyl chloride 102153-64-0
 106853-20-7 107819-90-9, N,N'-Di-tert-butoxycarbonyl-S-
 methylisothiurea 115010-10-1, 1,3-Benzodioxole-5-sulfonyl
 chloride 116882-98-5 129798-91-0, Ethyl
 2-piperazinecarboxylate dihydrochloride 130309-46-5
 151858-64-9 157688-46-5, 1-tert-Butoxycarbonylpiperidin-
 4-ylacetic acid 160233-27-2 162046-66-4
 164331-38-8, 1-tert-Butoxycarbonyl-4-methanesulfonylpiperazine
 166964-33-6 166964-37-0, 5-Benzenesulfonylthiophene-2-
 sulfonyl chloride 173604-87-0 175135-86-1
 175202-29-6 175202-87-6 183158-31-8
 196515-73-8 208511-67-5 216060-23-0
 216872-81-0 216873-89-1 216955-50-9
 216955-53-2 216955-54-3 216955-55-4
 216955-61-2 216955-64-5 216955-73-6
 216955-74-7 216955-75-8 216955-76-9
 216959-79-4 216959-80-7 216959-81-8
 216959-82-9 216959-83-0 216959-84-1
 216959-85-2 216959-86-3 216959-87-4
 216959-88-5 216959-89-6 216959-90-9
 216959-91-0, 4-(5-Pyrimidyl)benzoic acid 216959-92-1
 216959-93-2 216959-94-3 216959-95-4
 216959-96-5 216959-97-6 216959-98-7
 216959-99-8 216960-00-8 216960-01-9
 216960-02-0 216960-03-1 216960-07-5
 216960-09-7 216960-11-1 216960-13-3
 216960-14-4 216960-15-5 216960-16-6
 216960-17-7 216960-19-9 216960-21-3
 216960-22-4 216960-23-5 216960-24-6
 216960-25-7 216960-26-8 216960-28-0
 216960-29-1 216960-30-4 216960-31-5
 216960-33-7

RL: RCT (Reactant); RACT (Reactant or reagent)

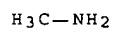
(preparation of 1-benzoyl-4-naphthalenesulfonylpiperazines and related
 compds. as inhibitors of activated coagulation factor X)

RN 70-23-5 CAPLUS

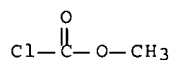
CN Propanoic acid, 3-bromo-2-oxo-, ethyl ester (9CI) (CA INDEX NAME)



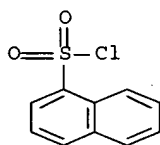
RN 74-89-5 CAPLUS
CN Methanamine (9CI) (CA INDEX NAME)



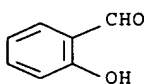
RN 79-22-1 CAPLUS
CN Carbonochloridic acid, methyl ester (9CI) (CA INDEX NAME)



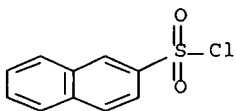
RN 85-46-1 CAPLUS
CN 1-Naphthalenesulfonyl chloride (7CI, 8CI, 9CI) (CA INDEX NAME)



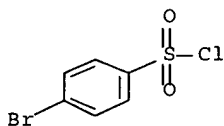
RN 90-02-8 CAPLUS
CN Benzaldehyde, 2-hydroxy- (9CI) (CA INDEX NAME)



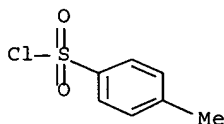
RN 93-11-8 CAPLUS
CN 2-Naphthalenesulfonyl chloride (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



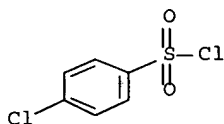
RN 98-58-8 CAPLUS
CN Benzenesulfonyl chloride, 4-bromo- (9CI) (CA INDEX NAME)



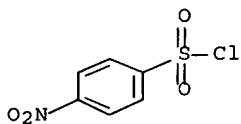
RN 98-59-9 CAPLUS
 CN Benzenesulfonyl chloride, 4-methyl- (9CI) (CA INDEX NAME)



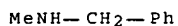
RN 98-60-2 CAPLUS
 CN Benzenesulfonyl chloride, 4-chloro- (9CI) (CA INDEX NAME)



RN 98-74-8 CAPLUS
 CN Benzenesulfonyl chloride, 4-nitro- (9CI) (CA INDEX NAME)



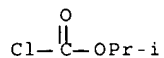
RN 103-67-3 CAPLUS
 CN Benzenemethanamine, N-methyl- (9CI) (CA INDEX NAME)



RN 108-18-9 CAPLUS
 CN 2-Propanamine, N-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 108-23-6 CAPLUS
 CN Carbonochloridic acid, 1-methylethyl ester (9CI) (CA INDEX NAME)



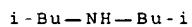
RN 109-89-7 CAPLUS
CN Ethanamine, N-ethyl- (9CI) (CA INDEX NAME)



RN 110-89-4 CAPLUS
CN Piperidine (7CI, 8CI, 9CI) (CA INDEX NAME)



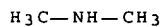
RN 110-96-3 CAPLUS
CN 1-Propanamine, 2-methyl-N-(2-methylpropyl)- (9CI) (CA INDEX NAME)



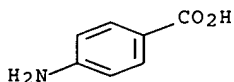
RN 123-90-0 CAPLUS
CN Thiomorpholine (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



RN 124-40-3 CAPLUS
CN Methanamine, N-methyl- (9CI) (CA INDEX NAME)



RN 150-13-0 CAPLUS
CN Benzoic acid, 4-amino- (9CI) (CA INDEX NAME)



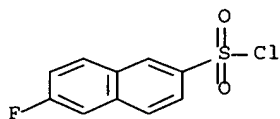
RN 288-32-4 CAPLUS
CN 1H-Imidazole (9CI) (CA INDEX NAME)



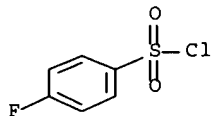
RN 288-88-0 CAPLUS
CN 1H-1,2,4-Triazole (7CI, 9CI) (CA INDEX NAME)



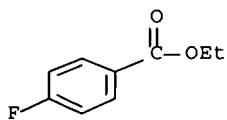
RN 325-09-7 CAPLUS
CN 2-Naphthalenesulfonyl chloride, 6-fluoro- (9CI) (CA INDEX NAME)



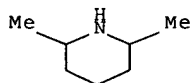
RN 349-88-2 CAPLUS
CN Benzenesulfonyl chloride, 4-fluoro- (9CI) (CA INDEX NAME)



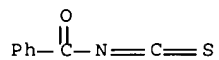
RN 451-46-7 CAPLUS
CN Benzoic acid, 4-fluoro-, ethyl ester (9CI) (CA INDEX NAME)



RN 504-03-0 CAPLUS
CN Piperidine, 2,6-dimethyl- (9CI) (CA INDEX NAME)

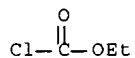


RN 532-55-8 CAPLUS
CN Benzoyl isothiocyanate (9CI) (CA INDEX NAME)



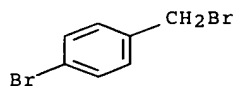
RN 541-41-3 CAPLUS

CN Carbonochloridic acid, ethyl ester (9CI) (CA INDEX NAME)



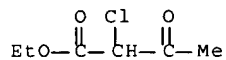
RN 589-15-1 CAPLUS

CN Benzene, 1-bromo-4-(bromomethyl)- (9CI) (CA INDEX NAME)



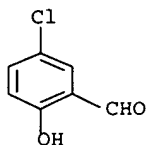
RN 609-15-4 CAPLUS

CN Butanoic acid, 2-chloro-3-oxo-, ethyl ester (9CI) (CA INDEX NAME)



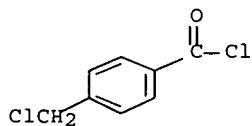
RN 635-93-8 CAPLUS

CN Benzaldehyde, 5-chloro-2-hydroxy- (9CI) (CA INDEX NAME)



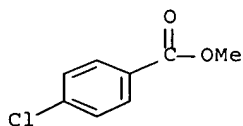
RN 876-08-4 CAPLUS

CN Benzoyl chloride, 4-(chloromethyl)- (9CI) (CA INDEX NAME)

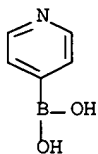


RN 1126-46-1 CAPLUS

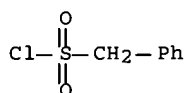
CN Benzoic acid, 4-chloro-, methyl ester (9CI) (CA INDEX NAME)



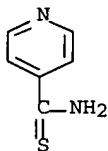
RN 1692-15-5 CAPLUS
 CN Boronic acid, 4-pyridinyl- (9CI) (CA INDEX NAME)



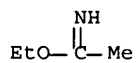
RN 1939-99-7 CAPLUS
 CN Benzenemethanesulfonyl chloride (9CI) (CA INDEX NAME)



RN 2196-13-6 CAPLUS
 CN 4-Pyridinecarbothioamide (9CI) (CA INDEX NAME)

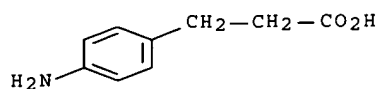


RN 2208-07-3 CAPLUS
 CN Ethanimidic acid, ethyl ester, hydrochloride (9CI) (CA INDEX NAME)



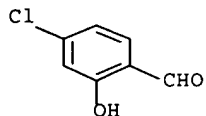
● HCl

RN 2393-17-1 CAPLUS
 CN Benzenepropanoic acid, 4-amino- (9CI) (CA INDEX NAME)



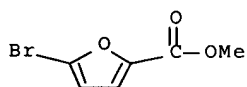
RN 2420-26-0 CAPLUS

CN Benzaldehyde, 4-chloro-2-hydroxy- (9CI) (CA INDEX NAME)



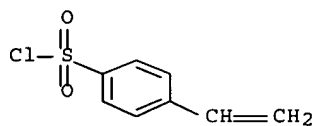
RN 2527-99-3 CAPLUS

CN 2-Furancarboxylic acid, 5-bromo-, methyl ester (9CI) (CA INDEX NAME)



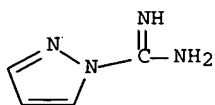
RN 2633-67-2 CAPLUS

CN Benzenesulfonyl chloride, 4-ethenyl- (9CI) (CA INDEX NAME)



RN 4023-02-3 CAPLUS

CN 1H-Pyrazole-1-carboximidamide, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

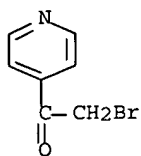
RN 4432-77-3 CAPLUS

CN 2-Propanamine, N-ethyl-2-methyl- (9CI) (CA INDEX NAME)

Et-NH-Bu-t

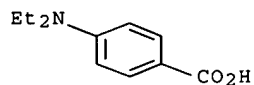
RN 5349-17-7 CAPLUS

CN Ethanone, 2-bromo-1-(4-pyridinyl)-, hydrobromide (9CI) (CA INDEX NAME)

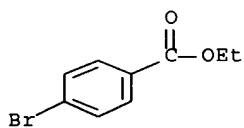


● HBr

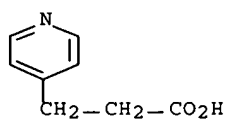
RN 5429-28-7 CAPLUS
CN Benzoic acid, 4-(diethylamino)- (9CI) (CA INDEX NAME)



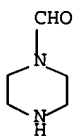
RN 5798-75-4 CAPLUS
CN Benzoic acid, 4-bromo-, ethyl ester (9CI) (CA INDEX NAME)



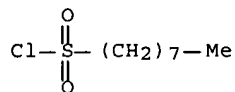
RN 6318-43-0 CAPLUS
CN 4-Pyridinepropanoic acid (9CI) (CA INDEX NAME)



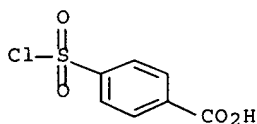
RN 7755-92-2 CAPLUS
CN 1-Piperazinecarboxaldehyde (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



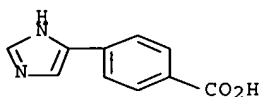
RN 7795-95-1 CAPLUS
CN 1-Octanesulfonyl chloride (7CI, 8CI, 9CI) (CA INDEX NAME)



RN 10130-89-9 CAPLUS
 CN Benzoic acid, 4-(chlorosulfonyl)- (9CI) (CA INDEX NAME)

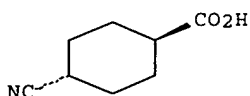


RN 13569-97-6 CAPLUS
 CN Benzoic acid, 4-(1H-imidazol-4-yl)- (9CI) (CA INDEX NAME)

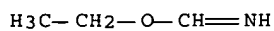


RN 15177-68-1 CAPLUS
 CN Cyclohexanecarboxylic acid, 4-cyano-, trans- (8CI, 9CI) (CA INDEX NAME)

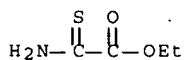
Relative stereochemistry.



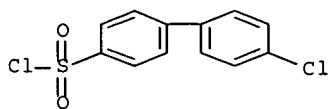
RN 16694-46-5 CAPLUS
 CN Methanimidic acid, ethyl ester, hydrochloride (9CI) (CA INDEX NAME)



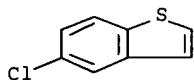
RN 16982-21-1 CAPLUS
 CN Acetic acid, aminothioxo-, ethyl ester (9CI) (CA INDEX NAME)



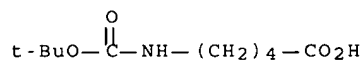
RN 20443-74-7 CAPLUS
 CN [1,1'-Biphenyl]-4-sulfonyl chloride, 4'-chloro- (9CI) (CA INDEX NAME)



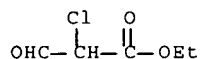
RN 20532-33-6 CAPLUS
 CN Benzo[b]thiophene, 5-chloro- (6CI, 8CI, 9CI) (CA INDEX NAME)



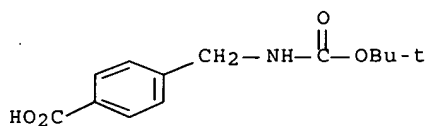
RN 27219-07-4 CAPLUS
 CN Pentanoic acid, 5-[[[(1,1-dimethylethoxy)carbonyl]amino]- (9CI) (CA INDEX NAME)



RN 33142-21-1 CAPLUS
 CN Propanoic acid, 2-chloro-3-oxo-, ethyl ester (9CI) (CA INDEX NAME)



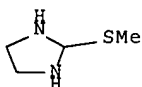
RN 33233-67-9 CAPLUS
 CN Benzoic acid, 4-[[[(1,1-dimethylethoxy)carbonyl]amino]methyl]- (9CI) (CA INDEX NAME)



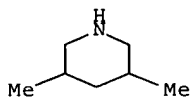
RN 35625-82-2 CAPLUS
 CN 1H-Imidazole, dihydro-2-(methylthio)- (9CI) (CA INDEX NAME)

CM 1

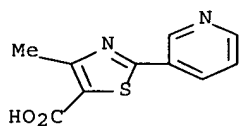
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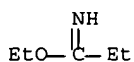
RN 35794-11-7 CAPLUS
CN Piperidine, 3,5-dimethyl- (9CI) (CA INDEX NAME)



RN 39091-01-5 CAPLUS
CN 5-Thiazolecarboxylic acid, 4-methyl-2-(3-pyridinyl)- (9CI) (CA INDEX NAME)

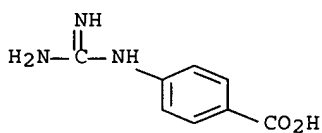


RN 40546-35-8 CAPLUS
CN Propanimidic acid, ethyl ester, hydrochloride (9CI) (CA INDEX NAME)



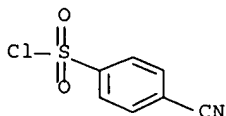
● HCl

RN 42823-46-1 CAPLUS
CN Benzoic acid, 4-[(aminoiminomethyl)amino]-, monohydrochloride (9CI) (CA INDEX NAME)

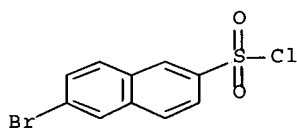


● HCl

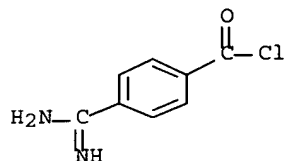
RN 49584-26-1 CAPLUS
CN Benzenesulfonyl chloride, 4-cyano- (9CI) (CA INDEX NAME)



RN 50637-98-4 CAPLUS
CN 2-Naphthalenesulfonyl chloride, 6-bromo- (9CI) (CA INDEX NAME)



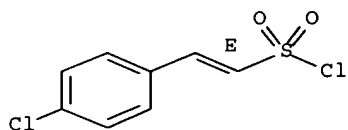
RN 51322-21-5 CAPLUS
CN Benzoyl chloride, 4-(aminoiminomethyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

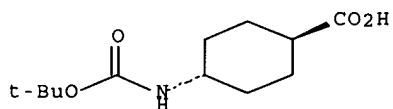
RN 52147-98-5 CAPLUS
CN Ethenesulfonyl chloride, 2-(4-chlorophenyl)-, (1E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



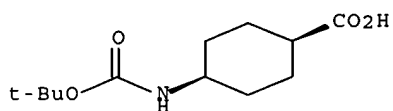
RN 53292-89-0 CAPLUS
CN Cyclohexanecarboxylic acid, 4-[[[(1,1-dimethylethoxy)carbonyl]amino]-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



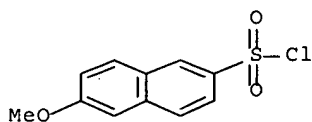
RN 53292-90-3 CAPLUS
CN Cyclohexanecarboxylic acid, 4-[[[(1,1-dimethylethoxy)carbonyl]amino]-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



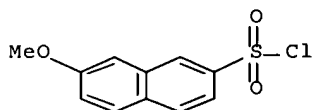
RN 56875-59-3 CAPLUS

CN 2-Naphthalenesulfonyl chloride, 6-methoxy- (9CI) (CA INDEX NAME)



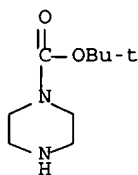
RN 56875-60-6 CAPLUS

CN 2-Naphthalenesulfonyl chloride, 7-methoxy- (9CI) (CA INDEX NAME)



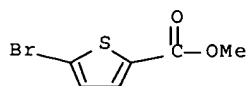
RN 57260-71-6 CAPLUS

CN 1-Piperazinecarboxylic acid, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



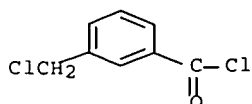
RN 62224-19-5 CAPLUS

CN 2-Thiophenecarboxylic acid, 5-bromo-, methyl ester (6CI, 9CI) (CA INDEX NAME)

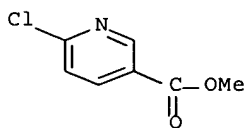


RN 63024-77-1 CAPLUS

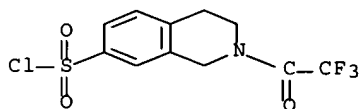
CN Benzoyl chloride, 3-(chloromethyl)- (9CI) (CA INDEX NAME)



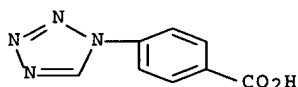
RN 73781-91-6 CAPLUS
CN 3-Pyridinecarboxylic acid, 6-chloro-, methyl ester (9CI) (CA INDEX NAME)



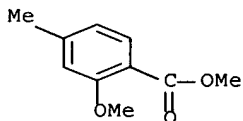
RN 74291-57-9 CAPLUS
CN 7-Isoquinolinesulfonyl chloride, 1,2,3,4-tetrahydro-2-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



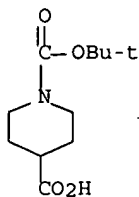
RN 78190-05-3 CAPLUS
CN Benzoic acid, 4-(1H-tetrazol-1-yl)- (9CI) (CA INDEX NAME)



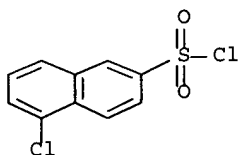
RN 81245-24-1 CAPLUS
CN Benzoic acid, 2-methoxy-4-methyl-, methyl ester (9CI) (CA INDEX NAME)



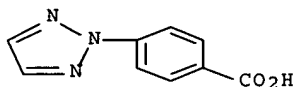
RN 84358-13-4 CAPLUS
CN 1,4-Piperidinedicarboxylic acid, 1-(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)



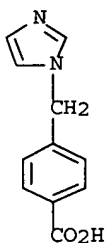
RN 89108-45-2 CAPLUS
CN 2-Naphthalenesulfonyl chloride, 5-chloro- (9CI) (CA INDEX NAME)



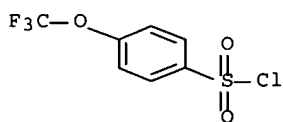
RN 90322-96-6 CAPLUS
 CN Benzoic acid, 4-(2H-1,2,3-triazol-2-yl)- (9CI) (CA INDEX NAME)



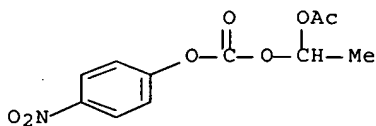
RN 94084-75-0 CAPLUS
 CN Benzoic acid, 4-(1H-imidazol-1-ylmethyl)- (9CI) (CA INDEX NAME)



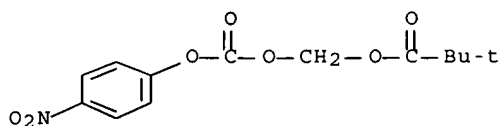
RN 94108-56-2 CAPLUS
 CN Benzenesulfonyl chloride, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



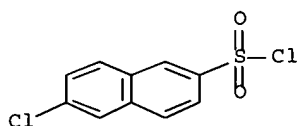
RN 101623-68-1 CAPLUS
 CN Carbonic acid, 1-(acetyloxy)ethyl 4-nitrophenyl ester (9CI) (CA INDEX NAME)



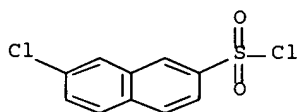
RN 101623-83-0 CAPLUS
 CN Propanoic acid, 2,2-dimethyl-, [[(4-nitrophenoxy)carbonyl]oxy]methyl ester (9CI) (CA INDEX NAME)



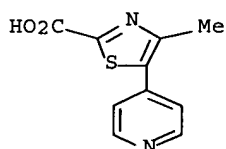
RN 102153-63-9 CAPLUS
 CN 2-Naphthalenesulfonyl chloride, 6-chloro- (6CI, 9CI) (CA INDEX NAME)



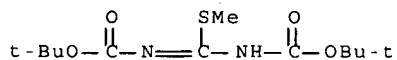
RN 102153-64-0 CAPLUS
 CN 2-Naphthalenesulfonyl chloride, 7-chloro- (6CI, 9CI) (CA INDEX NAME)



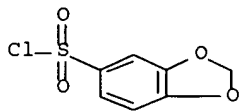
RN 106853-20-7 CAPLUS
 CN 2-Thiazolecarboxylic acid, 4-methyl-5-(4-pyridinyl)- (9CI) (CA INDEX NAME)



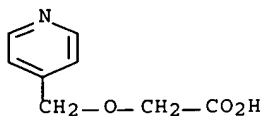
RN 107819-90-9 CAPLUS
 CN Carbamic acid, [[[(1,1-dimethylethoxy)carbonyl]amino] (methylthio)methylene]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



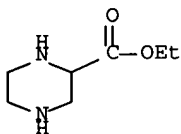
RN 115010-10-1 CAPLUS
 CN 1,3-Benzodioxole-5-sulfonyl chloride (9CI) (CA INDEX NAME)



RN 116882-98-5 CAPLUS
 CN Acetic acid, (4-pyridinylmethoxy) - (9CI) (CA INDEX NAME)

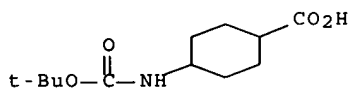


RN 129798-91-0 CAPLUS
 CN 2-Piperazinecarboxylic acid, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

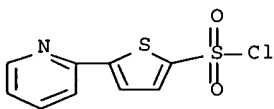


● 2 HCl

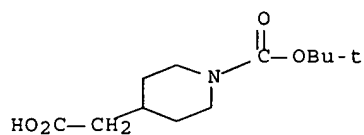
RN 130309-46-5 CAPLUS
 CN Cyclohexanecarboxylic acid, 4-[[[1,1-dimethylethoxy)carbonyl]amino] - (9CI) (CA INDEX NAME)



RN 151858-64-9 CAPLUS
 CN 2-Thiophenesulfonyl chloride, 5-(2-pyridinyl) - (9CI) (CA INDEX NAME)

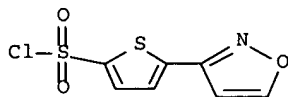


RN 157688-46-5 CAPLUS
 CN 4-Piperidineacetic acid, 1-[[[1,1-dimethylethoxy)carbonyl] - (9CI) (CA INDEX NAME)



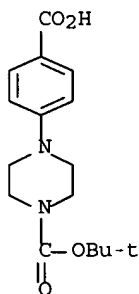
RN 160233-27-2 CAPLUS

CN 2-Thiophenesulfonyl chloride, 5-(3-isoxazolyl)- (9CI) (CA INDEX NAME)



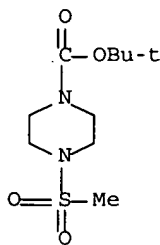
RN 162046-66-4 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-(4-carboxyphenyl)-, 1-(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)



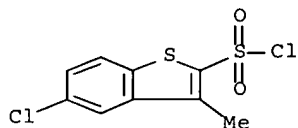
RN 164331-38-8 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-(methylsulfonyl)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

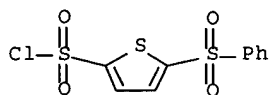


RN 166964-33-6 CAPLUS

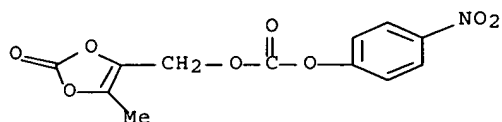
CN Benzo[b]thiophene-2-sulfonyl chloride, 5-chloro-3-methyl- (9CI) (CA INDEX NAME)



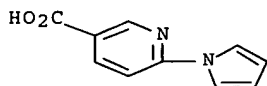
RN 166964-37-0 CAPLUS
 CN 2-Thiophenesulfonyl chloride, 5-(phenylsulfonyl)- (9CI) (CA INDEX NAME)



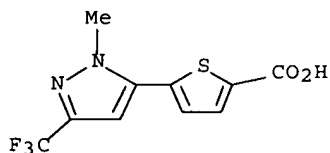
RN 173604-87-0 CAPLUS
 CN Carbonic acid, (5-methyl-2-oxo-1,3-dioxol-4-yl)methyl 4-nitrophenyl ester (9CI) (CA INDEX NAME)



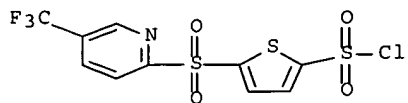
RN 175135-86-1 CAPLUS
 CN 3-Pyridinecarboxylic acid, 6-(1H-pyrrol-1-yl)- (9CI) (CA INDEX NAME)



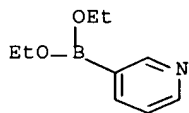
RN 175202-29-6 CAPLUS
 CN 2-Thiophenecarboxylic acid, 5-[1-methyl-3-(trifluoromethyl)-1H-pyrazol-5-yl]- (9CI) (CA INDEX NAME)



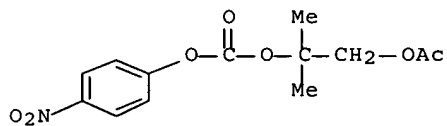
RN 175202-87-6 CAPLUS
 CN 2-Thiophenesulfonyl chloride, 5-[[5-(trifluoromethyl)-2-pyridinyl]sulfonyl]- (9CI) (CA INDEX NAME)



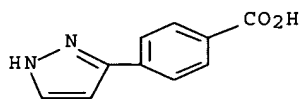
RN 183158-31-8 CAPLUS
CN Boronic acid, 3-pyridinyl-, diethyl ester (9CI) (CA INDEX NAME)



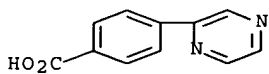
RN 196515-73-8 CAPLUS
CN Carbonic acid, 2-(acetyloxy)-1,1-dimethylethyl 4-nitrophenyl ester (9CI)
(CA INDEX NAME)



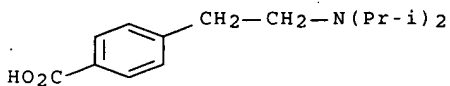
RN 208511-67-5 CAPLUS
CN Benzoic acid, 4-(1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



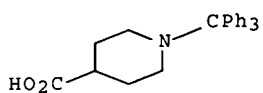
RN 216060-23-0 CAPLUS
CN Benzoic acid, 4-pyrazinyl- (9CI) (CA INDEX NAME)



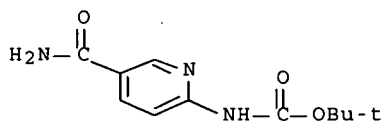
RN 216872-81-0 CAPLUS
CN Benzoic acid, 4-[2-[bis(1-methylethyl)amino]ethyl]- (9CI) (CA INDEX NAME)



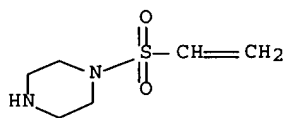
RN 216873-89-1 CAPLUS
CN 4-Piperidinecarboxylic acid, 1-(triphenylmethyl)- (9CI) (CA INDEX NAME)



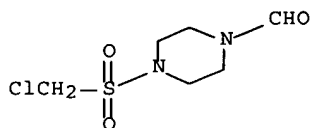
RN 216955-50-9 CAPLUS
 CN Carbamic acid, [5-(aminocarbonyl)-2-pyridinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



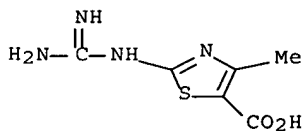
RN 216955-53-2 CAPLUS
 CN Piperazine, 1-(ethenylsulfonyl)- (9CI) (CA INDEX NAME)



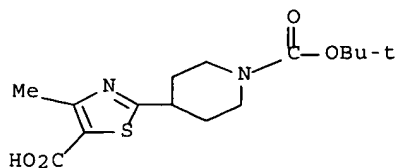
RN 216955-54-3 CAPLUS
 CN 1-Piperazinecarboxaldehyde, 4-[(chloromethyl)sulfonyl]- (9CI) (CA INDEX NAME)



RN 216955-55-4 CAPLUS
 CN 5-Thiazolecarboxylic acid, 2-[(aminoiminomethyl)amino]-4-methyl- (9CI) (CA INDEX NAME)

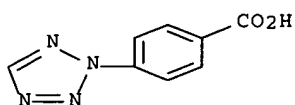


RN 216955-61-2 CAPLUS
 CN 1-Piperidinecarboxylic acid, 4-(5-carboxy-4-methyl-2-thiazolyl)-; 1-(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)



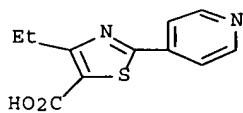
RN 216955-64-5 CAPLUS

CN Benzoic acid, 4-(2H-tetrazol-2-yl)- (9CI) (CA INDEX NAME)



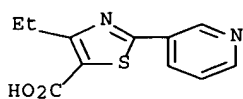
RN 216955-73-6 CAPLUS

CN 5-Thiazolecarboxylic acid, 4-ethyl-2-(4-pyridinyl)- (9CI) (CA INDEX NAME)



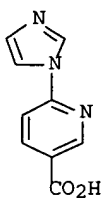
RN 216955-74-7 CAPLUS

CN 5-Thiazolecarboxylic acid, 4-ethyl-2-(3-pyridinyl)- (9CI) (CA INDEX NAME)



RN 216955-75-8 CAPLUS

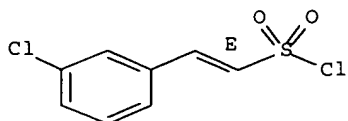
CN 3-Pyridinecarboxylic acid, 6-(1H-imidazol-1-yl)- (9CI) (CA INDEX NAME)



RN 216955-76-9 CAPLUS

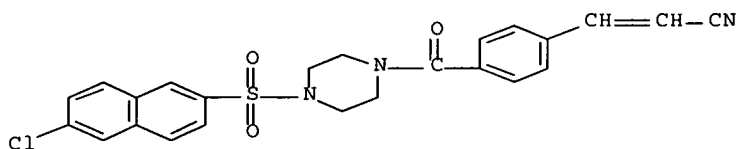
CN Ethenesulfonyl chloride, 2-(3-chlorophenyl)-, (1E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



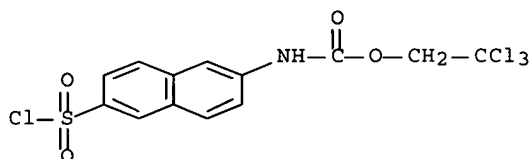
RN 216959-79-4 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(2-cyanoethenyl)benzoyl]- (9CI) (CA INDEX NAME)



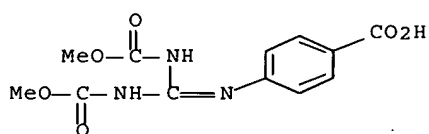
RN 216959-80-7 CAPLUS

CN Carbamic acid, [6-(chlorosulfonyl)-2-naphthalenyl]-, 2,2,2-trichloroethyl ester (9CI) (CA INDEX NAME)



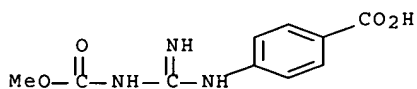
RN 216959-81-8 CAPLUS

CN Benzoic acid, 4-[[bis[(methoxycarbonyl)amino]methylene]amino]- (9CI) (CA INDEX NAME)



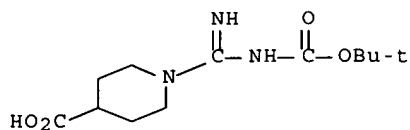
RN 216959-82-9 CAPLUS

CN Benzoic acid, 4-[[imino[(methoxycarbonyl)amino]methyl]amino]- (9CI) (CA INDEX NAME)



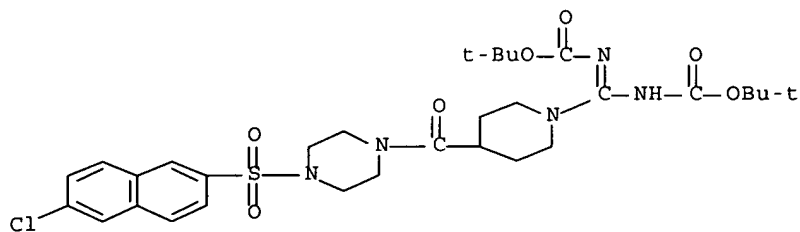
RN 216959-83-0 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[[[(1,1-dimethylethoxy)carbonyl]amino]imino methyl]- (9CI) (CA INDEX NAME)



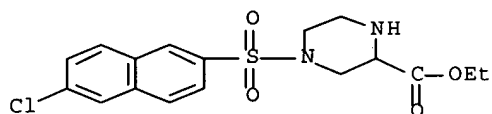
RN 216959-84-1 CAPLUS

CN Carbamic acid, [[4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]-1-piperidinyl] [(1,1-dimethylethoxy)carbonyl]amino]methylene]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 216959-85-2 CAPLUS

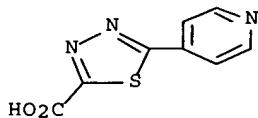
CN 2-Piperazinecarboxylic acid, 4-[(6-chloro-2-naphthalenyl)sulfonyl]-, ethyl ester, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

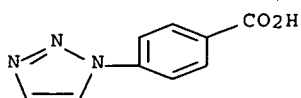
RN 216959-86-3 CAPLUS

CN 1,3,4-Thiadiazole-2-carboxylic acid, 5-(4-pyridinyl)- (9CI) (CA INDEX NAME)

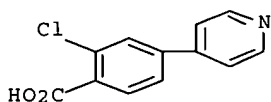


RN 216959-87-4 CAPLUS

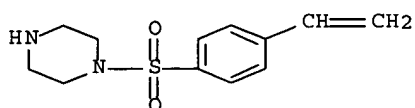
CN Benzoic acid, 4-(1H-1,2,3-triazol-1-yl)- (9CI) (CA INDEX NAME)



RN 216959-88-5 CAPLUS
CN Benzoic acid, 2-chloro-4-(4-pyridinyl)- (9CI) (CA INDEX NAME)



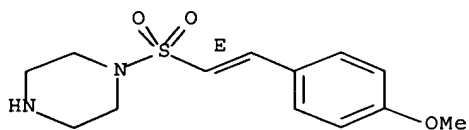
RN 216959-89-6 CAPLUS
CN Piperazine, 1-[(4-ethenylphenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



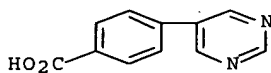
● HCl

RN 216959-90-9 CAPLUS
CN Piperazine, 1-[[(1E)-2-(4-methoxyphenyl)ethenyl]sulfonyl]- (9CI) (CA INDEX NAME)

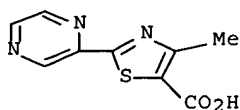
Double bond geometry as shown.



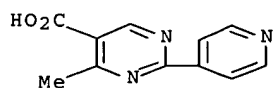
RN 216959-91-0 CAPLUS
CN Benzoic acid, 4-(5-pyrimidinyl)- (9CI) (CA INDEX NAME)



RN 216959-92-1 CAPLUS
CN 5-Thiazolecarboxylic acid, 4-methyl-2-pyrazinyl- (9CI) (CA INDEX NAME)

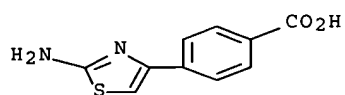


RN 216959-93-2 CAPLUS
CN 5-Pyrimidinecarboxylic acid, 4-methyl-2-(4-pyridinyl)- (9CI) (CA INDEX NAME)



RN 216959-94-3 CAPLUS

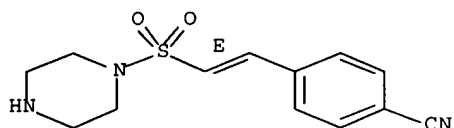
CN Benzoic acid, 4-(2-amino-4-thiazolyl)- (9CI) (CA INDEX NAME)



RN 216959-95-4 CAPLUS

CN Piperazine, 1-[[(1E)-2-(4-cyanophenyl)ethenyl]sulfonyl]- (9CI) (CA INDEX NAME)

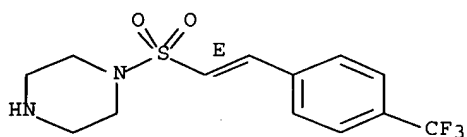
Double bond geometry as shown.



RN 216959-96-5 CAPLUS

CN Piperazine, 1-[[(1E)-2-[4-(trifluoromethyl)phenyl]ethenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

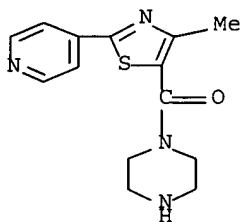
Double bond geometry as shown.



● HCl

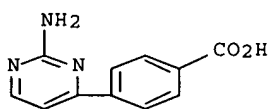
RN 216959-97-6 CAPLUS

CN Piperazine, 1-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

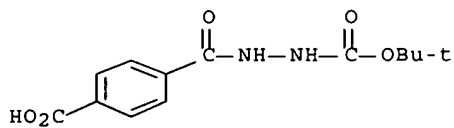


● HCl

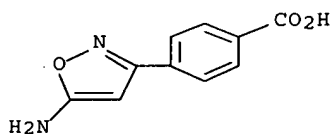
RN 216959-98-7 CAPLUS
CN Benzoic acid, 4-(2-amino-4-pyrimidinyl)- (9CI) (CA INDEX NAME)



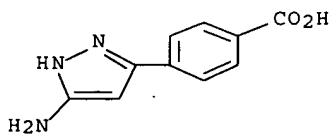
RN 216959-99-8 CAPLUS
CN 1,4-Benzenedicarboxylic acid, mono[2-[(1,1-dimethylethoxy)carbonyl]hydrazide] (9CI) (CA INDEX NAME)



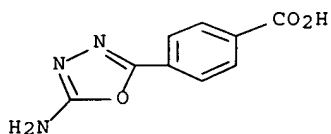
RN 216960-00-8 CAPLUS
CN Benzoic acid, 4-(5-amino-3-isoxazolyl)- (9CI) (CA INDEX NAME)



RN 216960-01-9 CAPLUS
CN Benzoic acid, 4-(5-amino-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)

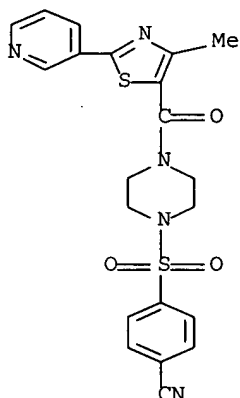


RN 216960-02-0 CAPLUS
CN Benzoic acid, 4-(5-amino-1,3,4-oxadiazol-2-yl)- (9CI) (CA INDEX NAME)



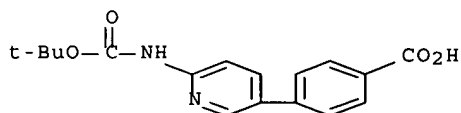
RN 216960-03-1 CAPLUS

CN Piperazine, 1-[(4-cyanophenyl)sulfonyl]-4-[[4-methyl-2-(3-pyridinyl)-5-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



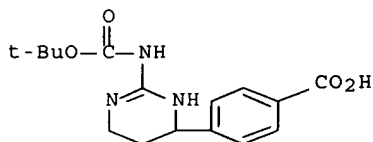
RN 216960-07-5 CAPLUS

CN Benzoic acid, 4-[6-[[[(1,1-dimethylethoxy)carbonyl]amino]-3-pyridinyl]- (9CI) (CA INDEX NAME)



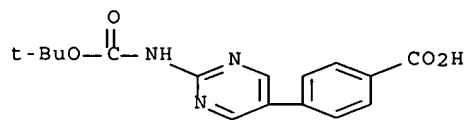
RN 216960-09-7 CAPLUS

CN Benzoic acid, 4-[2-[[[(1,1-dimethylethoxy)carbonyl]amino]-1,4,5,6-tetrahydro-4-pyrimidinyl]- (9CI) (CA INDEX NAME)



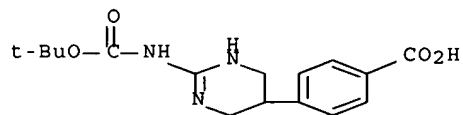
RN 216960-11-1 CAPLUS

CN Benzoic acid, 4-[2-[[[(1,1-dimethylethoxy)carbonyl]amino]-5-pyrimidinyl]- (9CI) (CA INDEX NAME)



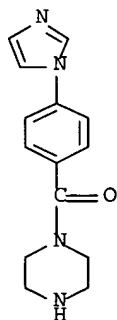
RN 216960-13-3 CAPLUS

CN Benzoic acid, 4-[2-[[[(1,1-dimethylethoxy)carbonyl]amino]-1,4,5,6-tetrahydro-5-pyrimidinyl]- (9CI) (CA INDEX NAME)



RN 216960-14-4 CAPLUS

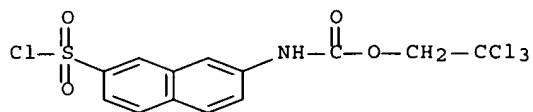
CN Piperazine, 1-[4-(1H-imidazol-1-yl)benzoyl]-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

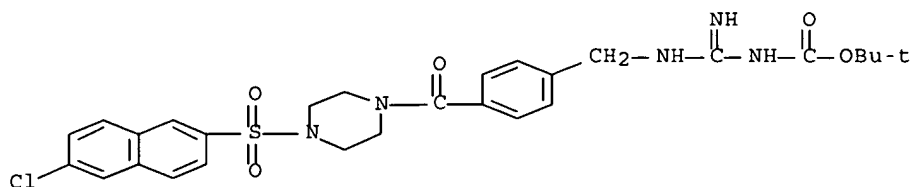
RN 216960-15-5 CAPLUS

CN Carbamic acid, [7-(chlorosulfonyl)-2-naphthalenyl]-, 2,2,2-trichloroethyl ester (9CI) (CA INDEX NAME)



RN 216960-16-6 CAPLUS

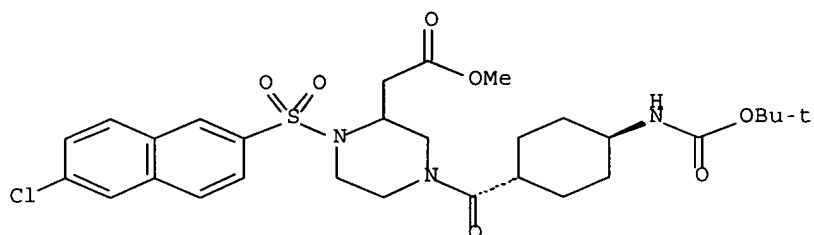
CN Carbamic acid, [[[[4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]phenyl]methyl]amino]iminomethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 216960-17-7 CAPLUS

CN 2-Piperazineacetic acid, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[[trans-4-[[[(1,1-dimethylethoxy)carbonyl]amino]cyclohexyl]carbonyl]-, methyl ester, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.

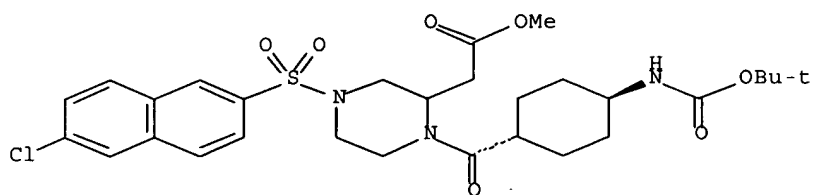


● HCl

RN 216960-19-9 CAPLUS

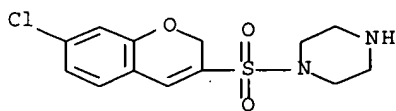
CN 2-Piperazineacetic acid, 4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-[[trans-4-[[[(1,1-dimethylethoxy)carbonyl]amino]cyclohexyl]carbonyl]-, methyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 216960-21-3 CAPLUS

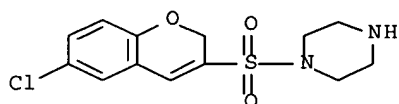
CN Piperazine, 1-[(7-chloro-2H-1-benzopyran-3-yl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



HCl

RN 216960-22-4 CAPLUS

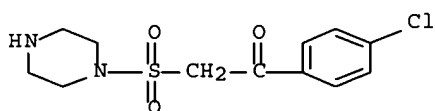
CN Piperazine, 1-[(6-chloro-2H-1-benzopyran-3-yl)sulfonyl]-,
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 216960-23-5 CAPLUS

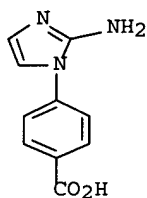
CN Piperazine, 1-[[2-(4-chlorophenyl)-2-oxoethyl]sulfonyl]-,
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

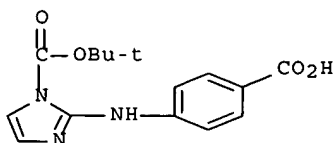
RN 216960-24-6 CAPLUS

CN Benzoic acid, 4-(2-amino-1H-imidazol-1-yl)- (9CI) (CA INDEX NAME)



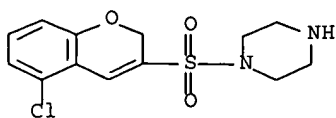
RN 216960-25-7 CAPLUS

CN 1H-Imidazole-1-carboxylic acid, 2-[(4-carboxyphenyl)amino]-,
1-(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)



RN 216960-26-8 CAPLUS

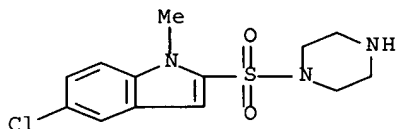
CN Piperazine, 1-[(5-chloro-2H-1-benzopyran-3-yl)sulfonyl]-,
monohydrochloride (9CI) (CA INDEX NAME)



HCl

RN 216960-28-0 CAPLUS

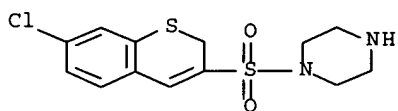
CN Piperazine, 1-[(5-chloro-1-methyl-1H-indol-2-yl)sulfonyl]-,
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 216960-29-1 CAPLUS

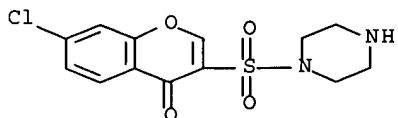
CN Piperazine, 1-[(7-chloro-2H-1-benzothiopyran-3-yl)sulfonyl]-,
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 216960-30-4 CAPLUS

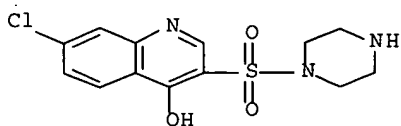
CN Piperazine, 1-[(7-chloro-4-oxo-4H-1-benzopyran-3-yl)sulfonyl]-,
monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 216960-31-5 CAPLUS

CN Piperazine, 1-[(7-chloro-4-hydroxy-3-quinolinyl)sulfonyl]-,
monohydrochloride (9CI) (CA INDEX NAME)

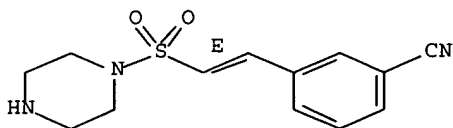


HCl

RN 216960-33-7 CAPLUS

CN Piperazine, 1-[[2-(3-cyanophenyl)ethenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



● HCl

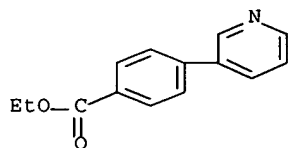
IT 4385-71-1P 4385-72-2P 4385-75-5P
 4385-76-6P 17616-04-5P, 4-(1H-Imidazol-1-yl)benzoic acid
 21278-85-3P 21278-86-4P 59020-47-2P
 74733-27-0P 86718-07-2P 89401-54-7P
 98816-61-6P 143426-48-6P 144060-98-0P
 157069-48-2P 162848-16-0P 167626-25-7P
 179051-29-7P 179051-55-9P 206554-92-9P
 207798-94-5P 216866-71-6P, 1-Formyl-4-(2-naphthalenesulfonyl)piperazine 216866-88-5P 216866-89-6P
 216866-92-1P 216866-98-7P 216867-06-0P
 216867-07-1P 216867-08-2P 216867-28-6P
 216867-29-7P 216867-30-0P 216867-32-2P
 216867-33-3P 216867-35-5P 216867-36-6P
 216867-38-8P 216867-40-2P 216867-46-8P
 216867-59-3P 216867-60-6P, [2,4'-Bipyridine]-5-carboxylic acid 216867-61-7P 216867-64-0P
 216867-65-1P 216867-66-2P 216867-67-3P
 216867-68-4P 216867-79-7P 216867-80-0P
 216867-82-2P 216867-83-3P 216959-64-7P
 216959-65-8P 216959-66-9P 216959-67-0P
 216959-68-1P 216959-69-2P 216959-70-5P
 216959-71-6P 216959-72-7P 216959-73-8P
 216959-74-9P 216959-75-0P 216959-76-1P
 216959-77-2P 216959-78-3P 216960-20-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of 1-benzoyl-4-naphthalenesulfonylpiperazines and related compds. as inhibitors of activated coagulation factor X)

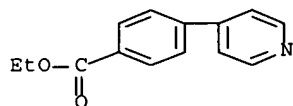
RN 4385-71-1 CAPLUS

CN Benzoic acid, 4-(3-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



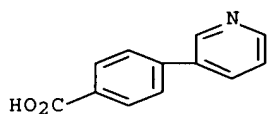
RN 4385-72-2 CAPLUS

CN Benzoic acid, 4-(4-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



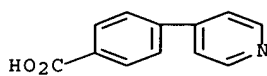
RN 4385-75-5 CAPLUS

CN Benzoic acid, 4-(3-pyridinyl)- (9CI) (CA INDEX NAME)



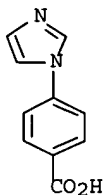
RN 4385-76-6 CAPLUS

CN Benzoic acid, 4-(4-pyridinyl)- (9CI) (CA INDEX NAME)



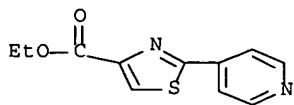
RN 17616-04-5 CAPLUS

CN Benzoic acid, 4-(1H-imidazol-1-yl)- (9CI) (CA INDEX NAME)



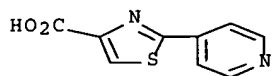
RN 21278-85-3 CAPLUS

CN 4-Thiazolecarboxylic acid, 2-(4-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



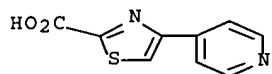
RN 21278-86-4 CAPLUS

CN 4-Thiazolecarboxylic acid, 2-(4-pyridinyl)- (9CI) (CA INDEX NAME)



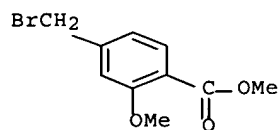
RN 59020-47-2 CAPLUS

CN 2-Thiazolecarboxylic acid, 4-(4-pyridinyl)- (9CI) (CA INDEX NAME)



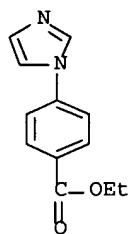
RN 74733-27-0 CAPLUS

CN Benzoic acid, 4-(bromomethyl)-2-methoxy-, methyl ester (9CI) (CA INDEX NAME)



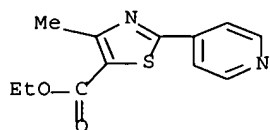
RN 86718-07-2 CAPLUS

CN Benzoic acid, 4-(1H-imidazol-1-yl)-, ethyl ester (9CI) (CA INDEX NAME)



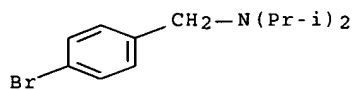
RN 89401-54-7 CAPLUS

CN 5-Thiazolecarboxylic acid, 4-methyl-2-(4-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



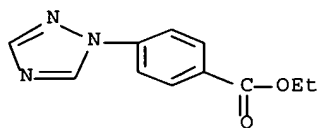
RN 98816-61-6 CAPLUS

CN Benzenemethanamine, 4-bromo-N,N-bis(1-methylethyl)- (9CI) (CA INDEX NAME)



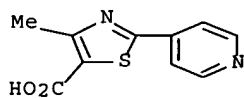
RN 143426-48-6 CAPLUS

CN Benzoic acid, 4-(1H-1,2,4-triazol-1-yl)-, ethyl ester (9CI) (CA INDEX NAME)



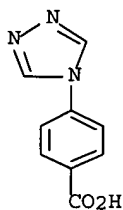
RN 144060-98-0 CAPLUS

CN 5-Thiazolecarboxylic acid, 4-methyl-2-(4-pyridinyl)- (9CI) (CA INDEX NAME)



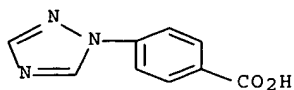
RN 157069-48-2 CAPLUS

CN Benzoic acid, 4-(4H-1,2,4-triazol-4-yl)- (9CI) (CA INDEX NAME)



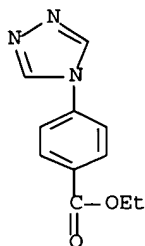
RN 162848-16-0 CAPLUS

CN Benzoic acid, 4-(1H-1,2,4-triazol-1-yl)- (9CI) (CA INDEX NAME)



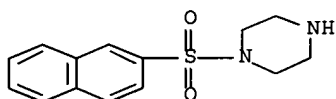
RN 167626-25-7 CAPLUS

CN Benzoic acid, 4-(4H-1,2,4-triazol-4-yl)-, ethyl ester (9CI) (CA INDEX NAME)



RN 179051-29-7 CAPLUS

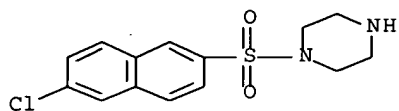
CN Piperazine, 1-(2-naphthalenylsulfonyl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 179051-55-9 CAPLUS

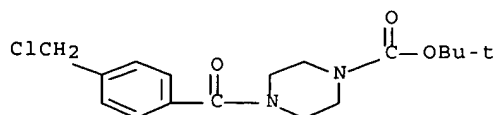
CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



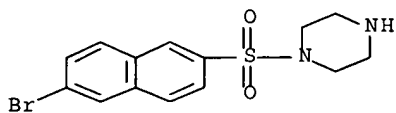
● HCl

RN 206554-92-9 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[4-(chloromethyl)benzoyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

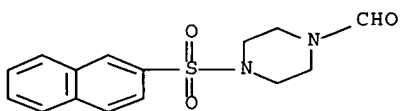


RN 207798-94-5 CAPLUS
 CN Piperazine, 1-[(6-bromo-2-naphthalenyl)sulfonyl]-, monohydrochloride (9CI)
 (CA INDEX NAME)

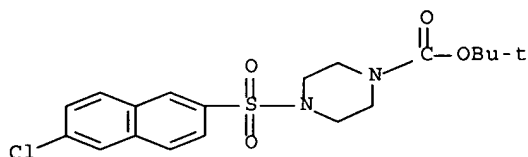


● HCl

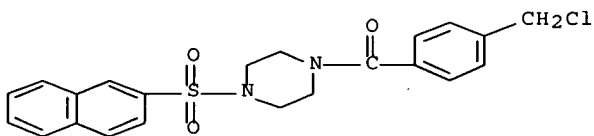
RN 216866-71-6 CAPLUS
 CN 1-Piperazinecarboxaldehyde, 4-(2-naphthalenylsulfonyl)- (9CI) (CA INDEX NAME)



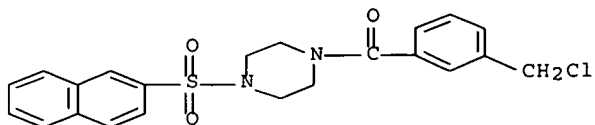
RN 216866-88-5 CAPLUS
 CN 1-Piperazinecarboxylic acid, 4-[(6-chloro-2-naphthalenyl)sulfonyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 216866-89-6 CAPLUS
 CN Piperazine, 1-[4-(chloromethyl)benzoyl]-4-(2-naphthalenylsulfonyl)- (9CI)
 (CA INDEX NAME)

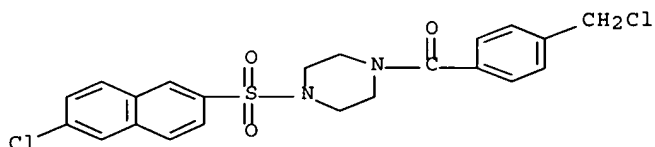


RN 216866-92-1 CAPLUS
 CN Piperazine, 1-[3-(chloromethyl)benzoyl]-4-(2-naphthalenylsulfonyl)- (9CI)
 (CA INDEX NAME)



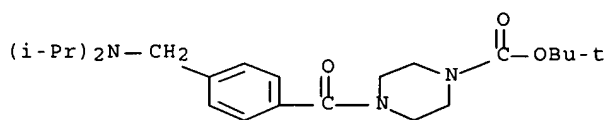
RN 216866-98-7 CAPLUS

CN Piperazine, 1-[4-(chloromethyl)benzoyl]-4-[(6-chloro-2-naphthalenyl)sulfonyl]- (9CI) (CA INDEX NAME)



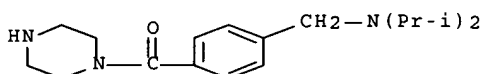
RN 216867-06-0 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



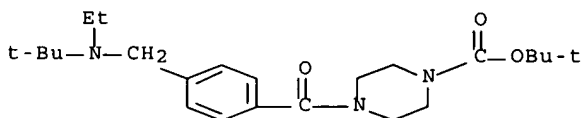
RN 216867-07-1 CAPLUS

CN Piperazine, 1-[4-[[bis(1-methylethyl)amino]methyl]benzoyl]- (9CI) (CA INDEX NAME)



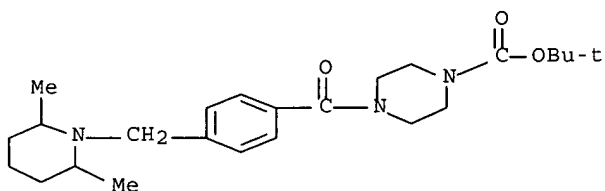
RN 216867-08-2 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[4-[[[(1,1-dimethylethyl)ethylamino]methyl]benzoyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



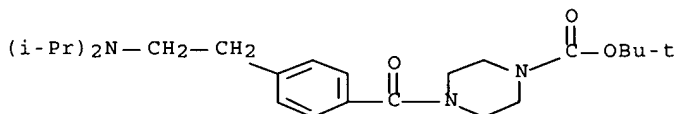
RN 216867-28-6 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[4-[(2,6-dimethyl-1-piperidinyl)methyl]benzoyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



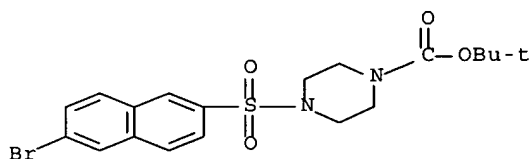
RN 216867-29-7 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[4-[2-[bis(1-methylethyl)amino]ethyl]benzoyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



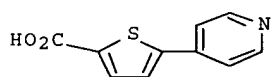
RN 216867-30-0 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[(6-bromo-2-naphthalenyl)sulfonyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



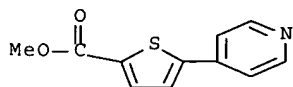
RN 216867-32-2 CAPLUS

CN 2-Thiophenecarboxylic acid, 5-(4-pyridinyl)- (9CI) (CA INDEX NAME)



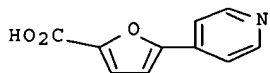
RN 216867-33-3 CAPLUS

CN 2-Thiophenecarboxylic acid, 5-(4-pyridinyl)-, methyl ester (9CI) (CA INDEX NAME)



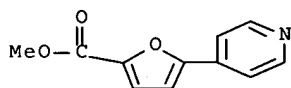
RN 216867-35-5 CAPLUS

CN 2-Furancarboxylic acid, 5-(4-pyridinyl)- (9CI) (CA INDEX NAME)



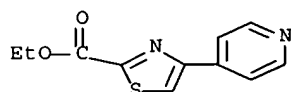
RN 216867-36-6 CAPLUS

CN 2-Furancarboxylic acid, 5-(4-pyridinyl)-, methyl ester (9CI) (CA INDEX NAME)



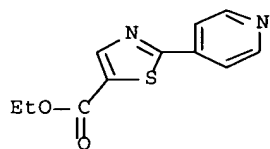
RN 216867-38-8 CAPLUS

CN 2-Thiazolecarboxylic acid, 4-(4-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



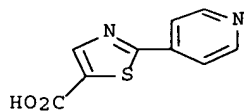
RN 216867-40-2 CAPLUS

CN 5-Thiazolecarboxylic acid, 2-(4-pyridinyl)-, ethyl ester (9CI) (CA INDEX NAME)



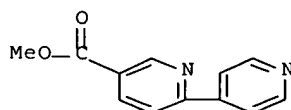
RN 216867-46-8 CAPLUS

CN 5-Thiazolecarboxylic acid, 2-(4-pyridinyl)- (9CI) (CA INDEX NAME)

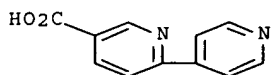


RN 216867-59-3 CAPLUS

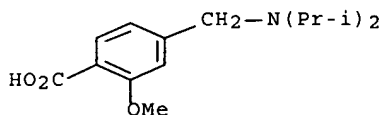
CN [2,4'-Bipyridine]-5-carboxylic acid, methyl ester (9CI) (CA INDEX NAME)



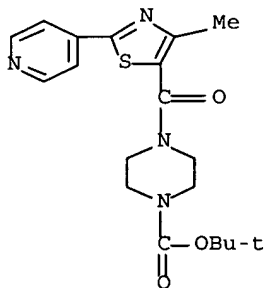
RN 216867-60-6 CAPLUS
 CN [2,4'-Bipyridine]-5-carboxylic acid (9CI) (CA INDEX NAME)



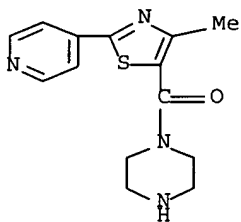
RN 216867-61-7 CAPLUS
 CN Benzoic acid, 4-[[bis(1-methylethyl)amino]methyl]-2-methoxy- (9CI) (CA INDEX NAME)



RN 216867-64-0 CAPLUS
 CN 1-Piperazinecarboxylic acid, 4-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

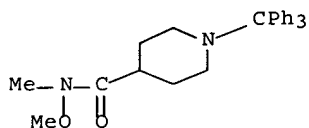


RN 216867-65-1 CAPLUS
 CN Piperazine, 1-[[4-methyl-2-(4-pyridinyl)-5-thiazolyl]carbonyl]-, dihydrochloride (9CI) (CA INDEX NAME)



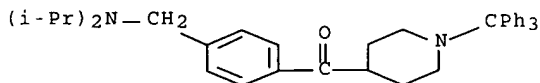
●2 HCl

RN 216867-66-2 CAPLUS
 CN 4-Piperidinecarboxamide, N-methoxy-N-methyl-1-(triphenylmethyl)- (9CI) (CA INDEX NAME)



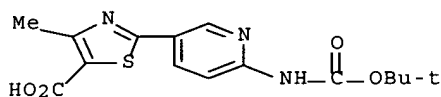
RN 216867-67-3 CAPLUS

CN Methanone, [4-[[bis(1-methylethyl)amino]methyl]phenyl][1-(triphenylmethyl)-4-piperidinyl]- (9CI) (CA INDEX NAME)



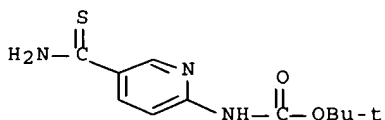
RN 216867-68-4 CAPLUS

CN 5-Thiazolecarboxylic acid, 2-[6-[[[(1,1-dimethylethoxy)carbonyl]amino]-3-pyridinyl]-4-methyl]- (9CI) (CA INDEX NAME)



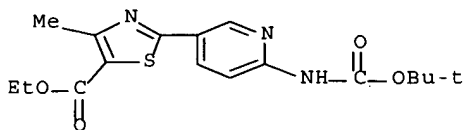
RN 216867-79-7 CAPLUS

CN Carbamic acid, [5-(aminothioxomethyl)-2-pyridinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



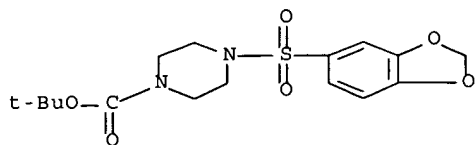
RN 216867-80-0 CAPLUS

CN 5-Thiazolecarboxylic acid, 2-[6-[[[(1,1-dimethylethoxy)carbonyl]amino]-3-pyridinyl]-4-methyl-, ethyl ester (9CI) (CA INDEX NAME)



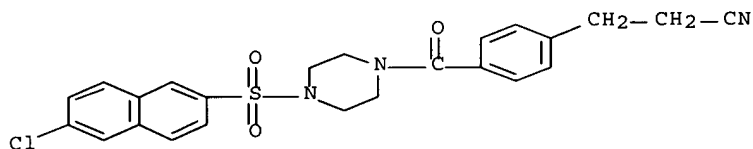
RN 216867-82-2 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-(1,3-benzodioxol-5-ylsulfonyl)-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



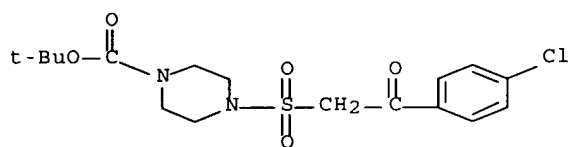
RN 216867-83-3 CAPLUS

CN Piperazine, 1-[(6-chloro-2-naphthalenyl)sulfonyl]-4-[4-(2-cyanoethyl)benzoyl]- (9CI) (CA INDEX NAME)



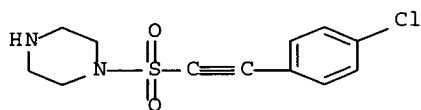
RN 216959-64-7 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[[2-(4-chlorophenyl)-2-oxoethyl]sulfonyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 216959-65-8 CAPLUS

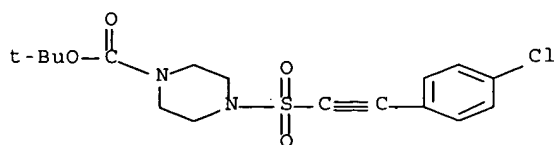
CN Piperazine, 1-[[[(4-chlorophenyl)ethynyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 216959-66-9 CAPLUS

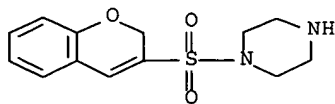
CN 1-Piperazinecarboxylic acid, 4-[[[(4-chlorophenyl)ethynyl]sulfonyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 216959-67-0 CAPLUS

CN Piperazine, 1-(2H-1-benzopyran-3-ylsulfonyl)-, monohydrochloride (9CI)

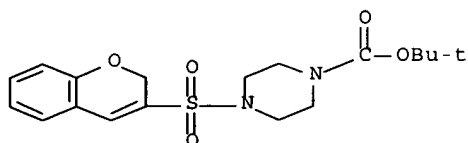
(CA INDEX NAME)



● HCl

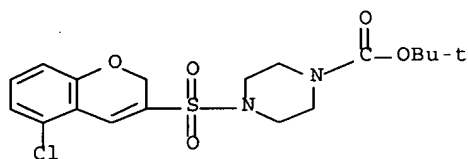
RN 216959-68-1 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-(2H-1-benzopyran-3-ylsulfonyl)-,
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



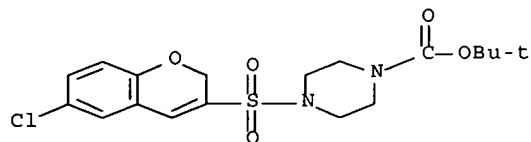
RN 216959-69-2 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[(5-chloro-2H-1-benzopyran-3-yl)sulfonyl]-,
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



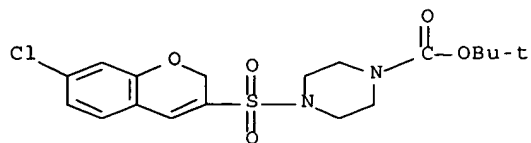
RN 216959-70-5 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[(6-chloro-2H-1-benzopyran-3-yl)sulfonyl]-,
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

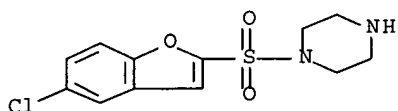


RN 216959-71-6 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[(7-chloro-2H-1-benzopyran-3-yl)sulfonyl]-,
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

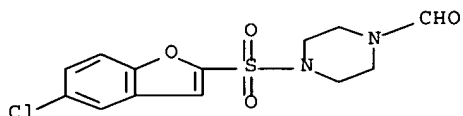


RN 216959-72-7 CAPLUS
 CN Piperazine, 1-[(5-chloro-2-benzofuranyl)sulfonyl]-, monohydrochloride
 (9CI) (CA INDEX NAME)

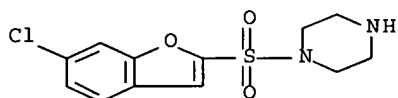


● HCl

RN 216959-73-8 CAPLUS
 CN 1-Piperazinecarboxaldehyde, 4-[(5-chloro-2-benzofuranyl)sulfonyl]- (9CI)
 (CA INDEX NAME)



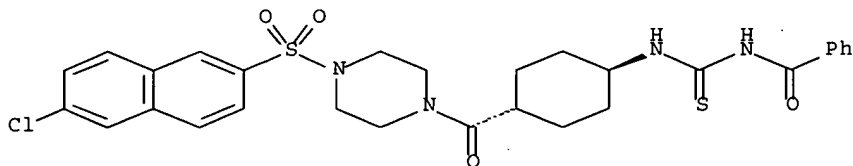
RN 216959-74-9 CAPLUS
 CN Piperazine, 1-[(6-chloro-2-benzofuranyl)sulfonyl]-, monohydrochloride
 (9CI) (CA INDEX NAME)



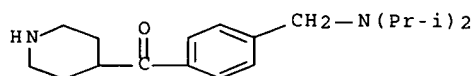
● HCl

RN 216959-75-0 CAPLUS
 CN Benzamide, N-[[[trans-4-[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]amino]thioxomethyl]- (9CI) (CA INDEX NAME)

Relative stereochemistry.

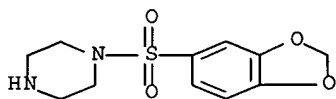


RN 216959-76-1 CAPLUS
 CN Methanone, [4-[[bis(1-methylethyl)amino]methyl]phenyl]-4-piperidinyl-
 (9CI) (CA INDEX NAME)



RN 216959-77-2 CAPLUS

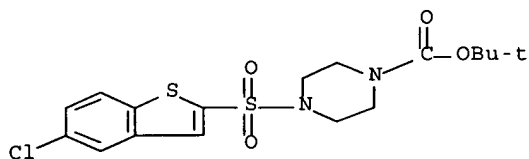
CN Piperazine, 1-(1,3-benzodioxol-5-ylsulfonyl)-, monohydrochloride (9CI)
(CA INDEX NAME)



● HCl

RN 216959-78-3 CAPLUS

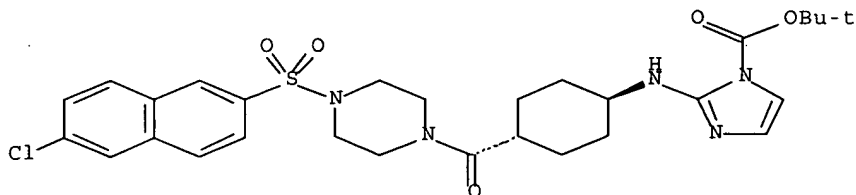
CN 1-Piperazinecarboxylic acid, 4-[(5-chlorobenzo[b]thien-2-yl)sulfonyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 216960-20-2 CAPLUS

CN 1H-Imidazole-1-carboxylic acid, 2-[[trans-4-[[4-[(6-chloro-2-naphthalenyl)sulfonyl]-1-piperazinyl]carbonyl]cyclohexyl]amino]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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